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# MADRAS LIBRARY ASSOCIATION

Publication Series, 8

## COLON CLASSIFICATION

(Revised Edition)

# MADRAS LIBRARY ASSOCIATION

## PUBLICATION SERIES

1. *Library movement*.—A Collection of Essays by Divers Hands with a Foreword by the Rt. Hon'ble V. S Srinivasa Sastri, P.C., C.H., and a message from the Rt. Hon'ble Viscount Goschen of Hawkhurst, G.C.S.I., C.B.E., V.D. Demy. 8vo., 1929. *Out of print*.
2. *The five laws of library science*, by S. R. Ranganathan, M.A., L.T., F.L.A., University Librarian, Madras, with a Foreword by Sir P. S. Sivaswamy Ayyar, K.C.S.I., C.I.E., and with an Introduction by W. C. Berwick Sayers, F.L.A., Chief Librarian, Croydon Public Libraries. Demy 8vo., 1931.
3. *Colon classification*, by S. R. Ranganathan, M.A., L.T., F.L.A. In three parts. Demy 8vo. First edition, 1933.
4. *Classified catalogue code*, by S. R. Ranganathan, M.A., L.T., F.L.A., University Librarian, Madras, with a Foreword by W. Erlam Smith, M.A., I.E.S., Director of Public Instruction, Madras. Demy 8vo., 1934.
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6. *Prolegomena to library classification*, by S. R. Ranganathan, M.A., L.T., F.L.A., University Librarian, Madras. Demy 8vo., 1937.
7. *Theory of library catalogue*, by S. R. Ranganathan, M.A., L.T., F.L.A., University Librarian, Madras, with a Foreword by Diwan Bahadur S. E. Runganadhan, M.A., L.T., Vice-Chancellor, University of Madras. Demy 8vo., 1938.
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# COLON CLASSIFICATION

BY

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Secretary, Madras Library Association

PART I Rules of Classification

PART II Schedules of Classification

PART III Index to the Schedules

PART IV Examples of Call Numbers



MADRAS  
THE MADRAS LIBRARY ASSOCIATION

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To  
MY BELOVED PROFESSOR  
EDWARD B. ROSS

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(SECOND EDITION)

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## PREFACE

BY

### THE MADRAS LIBRARY ASSOCIATION

WITH the object of spreading the essential ideas of Library Movement and of directing thought towards the creation of a library service suited to our country, the Madras Library Association inaugurated its Publication Series in 1929. The first volume, *The library movement* was by Divers Hands. The next six volumes were all by S. R. Ranganathan. As their titles show they dealt with technical and practical aspects of library work: *The five laws of library science*, 1931; *Colon classification*, 1933; *Classified catalogue code*, 1934; *Library administration*, 1935; *Prolegomena to library classification*, 1937; *Theory of library catalogue*, 1938. All these volumes have circulated well both in India and abroad.

As another instalment of this Publication Series the Association now publishes a second (*revised*) edition of the *Colon classification* the manuscript of which Mr. S. R. Ranganathan has been good enough to place at its disposal.

The fourth part of the book, which gives about 3,000 examples of Call Numbers, is a reprint of the Classified Part of the 1938 Supplement of the Catalogue of the Madras University Library. The Association is indebted to the Vice-Chancellor and the Syndicate of the University of Madras for permission to take reprints for issue as part of this publication.

The Association hopes that this volume will circulate as widely as its predecessors and that it will help libraries in India and elsewhere to organise their work in an efficient, scientific and serviceable way.

## INTRODUCTION

### TO THE FIRST EDITION

THE purpose of this book is neither to expound the general philosophy of classification nor to discuss the theories of book classification. Information on the former subject can be had in any good book on logic and on the latter in *The manual of classification* by W. C. Berwick Sayers (and in my *Prolegomena to library classification*). The aim of the book is to give a working manual for classifying books according to the scheme of classification which has been termed the "Colon Classification".

The *Colon classification* differs from Dewey's *Decimal classification* and the volumes of *Congress classification* in some fundamental respects. It is their manifest aim to provide a ready-made Class Number for most topics. Hence, such manuals consist, for the most part, of the Schedules of Classification. And their Schedules are by several times larger than that of the *Colon classification*.

In the *Colon classification*, however, ready-made Class Numbers are not assigned to topics. The Schedule in the *Colon classification* may be said to consist of certain standard unit schedules. The standard unit schedules correspond to the standard pieces in a Meccano apparatus. Even a child knows, that, by combining these standard pieces in different ways, many different objects can be constructed. So also, by combining the classes in the different unit schedules in assigned permutations and combinations, the Class Numbers for all possible topics can be constructed. In this scheme, the function of the Colon (:) is like that of the bolts and nuts in a Meccano set. (*Vide* Fundamental constituent terms *vs.* derived composite terms in the *Prolegomena to library classification*. Pp. 135-139.)

A more detailed account of the part played by the symbol "colon" is given in Section 61 of Chapter 6 of Part I.

Certain other devices enumerated in Chapter 6 of Part I also act as connecting apparatus.

One natural result of this method of giving certain standard schedules, rather than ready-made Class Numbers for topics, is the extraordinary mnemonic quality that the Scheme has acquired. It has been felt in the libraries using this Scheme that, after a little experience, the need for looking into the

## INTRODUCTION

Schedule becomes increasingly small; and this is so even for specialised monographs requiring a long drawn out Class Number.

It has been found necessary to give, in addition to the unit schedules, a set of Rules for constructing the Class Numbers with the aid of the unit schedules. The spirit of standardisation has greatly simplified the Rules themselves. The first six chapters which occupy a third of the First Part bring together many of the general Rules and Devices and discuss them once for all; with the result that the chapters devoted to the classification of specific subjects gain considerably in brevity and clarity.

Another feature of this scheme is the very great minuteness of classification in most of the subjects. Even extremely specialised monographs get individualised in this scheme more easily than in other schemes. It is a matter of experience that such a detailed classification is quite necessary if all the resources of a library on every topic, however great its intension, are to be disclosed with the least expenditure of time.

In addition to the great minuteness of its classes, this scheme is much more hospitable than any other, owing chiefly to the Eight Devices explained in Chapter 6 of Part I. This can be experienced in the schedule of almost every subject.

Further, the notation being completely decimal, its elasticity is quite commensurate with the hospitality of the schedules. The length of notation is proportionate to the intension; thus the Call Number of a common text-book will be very short.

Topics in Indology have been worked out in far greater detail than in other schemes. Books on Indology are numerous not only in Indian libraries but also in many foreign libraries. The Indological schedules will also be of use in classifying Oriental Manuscript Libraries. It is hoped to include in the next edition similar detailed schedules for other oriental subjects as well.

This scheme has been in use in the Madras University Library for nearly ten (now sixteen) years and has behaved admirably, in spite of the large number of specialised books and monographs which the library possesses.

## LENGTH OF NOTATION

An abnormally long class number given in the first edition to illustrate the extreme length to which it can go and lack of opportunity to apply the scheme to a varied collection appear to have misled some to believe that the Colon Notation is long. Pages 83-89 of the *Prolegomena to library classification* contain a systematic statistical analysis of this question. It is proved mathematically that the Colon Notation is distinctly shorter than the Decimal Notation whatever be the measure of length taken.

An important respect in which the Colon Classification differs from other schemes is its ideal to individualise every topic. This ideal it realises with a remarkably short notation.

A random selection of about 250 articles from the *Encyclopaedia Britannica* was used for practical work in classification in the last year's session of the School of Library Science of the University of Madras. The class numbers were worked out (1) to the maximum possible intension by Decimal Classification, (2) to the same degree of intension by Colon Classification and (3) to the maximum possible intension by Colon Classification, which resulted in exact individualisation in most cases.

Then the averages of the length of the notation were calculated. The result was as follows:

### *Average number of digits in class number*

- |   |    |     |
|---|----|-----|
| 1. Decimal (Maximum possible intension)   | .. | 5.8 |
| 2. Colon (Same intension as above)  | .. | 5   |
| 3. Colon (Maximum possible intension, resulting in individualisation of topics) | .. | 6.5 |
| 4. Decimal (Individualisation of topics not possible).                          |    |     |

Should individualisation of topics be aimed at or should it be sacrificed to keep the notation within "economic limits"?

Bliss stands for the latter. Many of his criticisms of the Colon Classification are traceable to that position.

The Colon Classification works for the former, without too much violence to "economic limits", as statistical analysis shows.

Indeed the chief field for future research by classificationists is the invention of more powerful principles by which individualisation of topics can be secured with even a shorter notation.

## INTRODUCTION TO THE SECOND EDITION

This revised edition does not essentially differ from the first. But the following distinctive features may be noted:

(1) In response to the suggestion of Mr. Wm. Stetson Merrill and other friends in various countries that there should be plenty of illustrations, a fourth part has been added. It gives about 3,000 examples of class numbers constructed according to the Colon Scheme. These are in effect chosen at random: they represent books (other than current volumes of periodical publications) added to the Madras University Library in 1938.

This part may be useful to:

(a) Librarians who work in libraries already classified by other schemes and therefore find no opportunity to try the Colon Scheme in practice;

(b) Freshmen who have to learn the subject; and

(c) Libraries anxious to classify their collections but unable to engage full-timed trained librarians or assistants.

The substantive part of the book continues to be practically of the same size as before, although the size of the book as a whole has nearly doubled as a result of the addition of the fourth part.

(2) Since the publication of the first edition the foundations of the theory of classification have been critically explored and reconstructed in the *Prolegomena to library classification*. The whole scheme has now been subjected to the searchlight of its twenty-eight canons and minor maladjustments—mostly relating to the Octave Principle and the Unscheduled Mnemonics—have been set right.

(3) To satisfy the Canon of Currency certain terms have been changed, the major changes being that of 'Philology' to 'Linguistics' and 'Politics' to 'Political Science'. In the light of the same Canon 'Anthropology' has been transferred from the Main Class 'V History' to the Class 'Y1 Sociology'.

(4) The schedules for Common Subdivisions, Sound, Electricity, Technology, Biology, Public Health, Indian Philosophy, Sociology and Law have been revised or recast in the light of the experiments and observations made during the last

## INTRODUCTION TO THE SECOND EDITION

five years. About 800 new divisions have been added to the schedules as a whole.

(5) The schedules illustrating the Classic Device have been enlarged. About 300 new classics have been added.

(6) The 'Last Octave Principle', one of great potentiality, has newly been enunciated in Rule 661. The associated 'Penultimate Octave Principle' follows in Rule 662.

(7) The Auto-Bias Device mentioned in the *Prolegomena to library classification* has been enunciated in Rule 683 as a special form of the Bias Number Device.

(8) Schedules have been added for Mechanics, Veterinary Science, Ancient Tamil Poetry, Jainism, Buddhism, Judaism, Christianity, Zoroastrianism and Anthropology.

(9) A new Main Class ' $\Delta$  Spiritual Experience and Mysticism' has been introduced. Its necessity, scope and resource are explained in chapter  $\Delta$ .

PART I  
RULES OF CLASSIFICATION



11

## 01 CALL NUMBER

01 The CALL NUMBER of a book is the symbol which individualises it. It fixes its position in the shelves relative to the other books. It is also used by readers in calling for books.

It has been shown in my *Five laws of library science* that the proper arrangement of books in a library is the classified arrangement on a subject basis. Any other mode of arrangement such as by authors, or size, has been shown to be either ineffective or inconvenient. It is a matter of experience that the interest of the readers goes by the subject matter of the books rather than by the author (except in Literature) or by any other consideration. Hence, a classified arrangement on a subject basis will facilitate the finding of his book by every reader, will increase the chance of every book getting its reader and will also save the time of the reader.

It is not enough if the subject of a book is indicated in ordinary words. Then the daily arrangement of books will require the services of persons who know the relative order of all the subjects and their detailed subdivisions. It is not only impossible to get the services of such persons but it would also be wasteful. Hence, the subject of the book ought to be translated into suitable numbers whose ordinal arrangement is easy.

In some libraries the Call Number does not actually individualise books. That is to say, it is possible for more than one book to get the same Call Number. It is desirable, however, to remove this ambiguity, *i.e.*, to satisfy the Canon of Individualisation and it is not difficult to do so.

In libraries which do not adopt the 'open access' system, the task of picking out books will become very difficult if their positions are not definitely given. In such cases, the Call Number is used to supply the necessary information.

In some libraries books are placed permanently in particular shelves and their positions are indicated by what are known as Press-marks. In such a rigid arrangement it will not be practicable to bring together all the books on the same subject, if the library is a growing one. Fixing the position of a book relative to the other books rather than in relation to the racks or shelves is the only correct method. Hence, the Call Number has taken the place of the Press-mark.

011 The CALL NUMBER consists of two parts—the CLASS NUMBER and the BOOK NUMBER.

## CALL NUMBER

Chapter 02 of the Rules will deal with the **Class Number** and Chapter 03 with the **Book Number**.

012 A double space is ordinarily to separate the **Book Number** from the **Class Number**.

*e.g.* B43 F6,            C56 113F9

0121 On the back of the book and on the back of the title-page, however, the **Book Number** is to be written below the **Class Number**.

*e.g.* B43    .    C56  
      F6    .    113F9

## 02 CLASS NUMBER

02 A CLASS NUMBER is a symbolic translation of the subject of the book.

021 A CLASS NUMBER is an ordinal number which consists of an intelligible concatenation of one or more of the ten Arabic numerals, the fifty-two letters of the Roman alphabet, capital and small, the symbol  $\Delta$ , a colon and a dash.

For convenience of later reference, we shall refer to each group of these symbols as a *species*. That is to say, the Arabic numerals, the capital letters and the small letters form three different species of symbols and each of the other three symbols belong to different species. It is usual to aim at purity in notation, *i.e.*, to have as few species as possible in the Class Number. (*Vide Prolegomena to library classification*, pp. 73 to 78). In the Dewey Decimal Classification, the numbers consist only of two species—Arabic numerals and a dot. In the Cutter Classification, the numbers consist entirely of capital letters. In the Congress Classification, the numbers consist of capital letters, a dot and Arabic numerals. In the Brussels Scheme, a large number of species of symbols is used. In the Colon Scheme, six species have been used. On account of the important role played by the symbol *Colon* in the notation of this Scheme, the Scheme itself is called the Colon Classification. (*Vide Section 61 of Chapter 6.*)

When it is said that the Class Number consists of an intelligible concatenation of symbols, it is meant that the concatenation is intelligible in the light of or in accordance with the rules framed for the purpose.

022 Each one of the symbols in a class number is called a digit.

023 The digits are written from left to right.

024 The place value of the digits is as in decimal-fractions.

The advantage of using the decimal-fraction notation is that it gives great elasticity to the notation. In other words, any number of numbers can be conveniently interpolated between two consecutive numbers. For example, if 22 and 23 are read as integers, we cannot interpolate another integer between them. But, if they are read as decimals, 221, 222, . . . 229 lie between them, and hence can be interpolated between them. Again 2211, 22112 . . . etc., lie in that interval.

## CLASS NUMBER

In fact, this is a peculiarity of the decimal notation which was first explicitly pointed out by the mathematician Peano and was first used for classification purposes by Melvil Dewey. It can be seen that the addition of a digit on the right does not in any way affect the place value of the already existing digits. But, on the other hand, it would completely change the place value if the numbers are used as integers.

The decimal-fraction notation gives full satisfaction to the Canon of Hospitality in Chain. The hospitality is really infinite. It also secures conformity to the Canon of Relativity.

024 The symbols used in constructing the Class Number shall be taken to fall in the following order if arranged in the ascending order of their absolute magnitude:—*a, b, c, d, e, f, g, h, i, j, k, l, m, n, o, p, q, r, s, t, u, v, w, x, y, z, 0, ;,—, 1, 2, 3, 4, 5, 6, 7, 8, 9, A, B, C, D, E, F, G, H, I, J, K, L, M, Δ, N, O, P, Q, R, S, T, U, V, W, X, Y, Z.*

0241 Any number followed by a small letter shall have precedence over the number itself.

*e.g.* B63*v* has precedence over B63. L23:45*a* has precedence over L23:45.

025 The process of assigning the CLASS NUMBER to a book is really that of finding out successively the digits that make up the CLASS NUMBER.

To put it in other words *Classifying* a book implies (1) the assignment of the book to the appropriate class of the scheme of classification by ascertaining the way in which each of the characteristics appropriate to the class is shared by the book; and (2) giving to the book the Class Number which represents that class.

The later chapters of this part will give the rules relating to the determination of the successive digits.

026 The ULTIMATE CLASS of a book is the class of the smallest extension and the greatest intension in which it can be placed.

Taking, for example, Askwith's *Analytical geometry* the Main Class in which it should be placed is *Mathematics*. But, *Mathematics* is too large a class for the book. Hence, we should take the subclass *Geometry* which is more appropriate. *Geometry* again is too extensive and we shall have to subdivide it still further and put the book in *Plane Geometry*. As a matter of fact, even *Plane Geometry* is too big a class for the book. We shall have to subdivide it and actually put the book in the class *Curves of the Second Degree*. Perhaps it may be convenient to subdivide it still further and arrive at the class *Analytical Geometry of the Curves of the Second Degree*. The subject of the book will not admit of going further down the scale of subdivisions. Thus,

## CLASS NUMBER

*Analytical Geometry of the Plane Curves of the Second Degree* is the ultimate class of the book in question.

Similarly, let us consider Florence Emily Hardy's *Life of Thomas Hardy*. To arrive at the ultimate class of the book, we shall have to go down the sequence *Literature, English Literature, Fiction, Hardy, Biography of Hardy*. The classes in this sequence are arranged in descending order of extension and ascending order of intension and the ultimate class of the book is *Biography of Hardy, the English Novelist*.

### 03 BOOK NUMBER

03 The purpose of the BOOK NUMBER is to individualise the books having the same Ultimate Class.

031 The BOOK NUMBER is an ordinal number which consists of an intelligible concatenation of one or more of the ten Arabic numerals, the capital letters of the Roman alphabet, a dot and a dash.

0311 Each one of the symbols in a book number is called a digit.

0312 The digits are written from left to right.

0313 The place value of the digits is as in decimals except in the cases covered by the Rules 035, 036, and 037 of this Chapter.

0314 The symbols used in constructing the BOOK NUMBER shall be taken to fall in the following order if arranged in the ascending order of their absolute magnitude: A, B, C, D, E, F, G, H, I, J, K, L, M, N, N, O, P, Q, R, S, T, U, V, W, X, Y, Z,.,—, 0, 1, 2, 3, 4, 5, 6, 7, 8, 9.

032 The BOOK NUMBER may consist of one or more of five parts, *viz.*, the Language Number, the Date Number, the Accession Part of the Book Number, the Volume Number and the Supplement Number. These parts are to be written in the order given above without interspace between the parts.

The need for Book Number is discussed in the *Prolegomena to library classification*, pp. 175-181.

In this system, the Book Number is decided ordinarily by the language in which the book is written and its date of publication. In extraordinary cases, certain other factors, corresponding to the last three parts of the Book Number, are used in addition in the construction of the Book Number. (*Vide* Rules 035 and 537 and their sub-Rules.)

In some libraries, the individualisation of books in an ultimate class is done, in a partial manner, by writing the first three letters of the name of the author of the book below the Class Number. It can be easily seen that the names of more than one author may have the same first three letters and hence in this method the books do not get com-

## BOOK NUMBER

pletely individualised. Some libraries try to improve upon it by adopting some additional devices.

But, a more useful characteristic for individualising the book is its date of publication. After all, if we remember that the library is a growing organism, it is more often the date of publication that determines the value of the book than the author except, of course, in literature and in the classics of the other subjects which form independent classes by themselves in this scheme. The majority of readers are interested in the latest books in an ultimate class, while antiquarians may be interested in the oldest books. Hence, the chronological arrangement of books in an ultimate class will not only save the time of many readers but also give them greater satisfaction. Hence, in this system the date of publication forms an essential part of the Book Number.

It is felt further that it may be convenient for most of the readers if the books in an ultimate class written in different languages are separated. Hence, the language of the book also forms an essential part of the Book Number.

### 033 The Language Number

033 The Language Number is got by translating the language in which the book is written into appropriate symbols in accordance with the language schedule, given as Schedule 4 of Part II.

It will be convenient at this stage to introduce two definitions.

0331 The FAVOURED LANGUAGE of a library is the language in which the majority of the books of the library are written.

Normally the language of the country is likely to be the Favoured Language. But under the peculiar conditions of India, and Madras, in particular, the Favoured Language of many of the libraries, at present, is likely to be English.

0332 Each library should have a descending scale of popularity for the languages, the Favoured Language being given the first place. Among a given set of languages the MOST POPULAR LANGUAGE is the language which occurs earliest in the scale of popularity.

It is not easy to give a definite and unique measure for arranging the languages in the order of popularity. But each library may be able to decide from experience some working scale. All that is wanted is that the scale should be a fixed one. For example, in the University Library at Madras, where English is used as the Favoured Language, the scale of languages is as follows:—English, Tamil, Malayalam, Telugu, Kanarese, Sanskrit, Hindi, Urdu, French, German, etc.



## BOOK NUMBER

If a book is written in more than one language, three important cases may arise. Either the book may consist of the same matter in more than one language or it may consist of a classic with commentaries in one or more languages or simply of commentaries of a classic in more than one language. Practically these are the only types of polyglot books that will have to be considered. If any other type occurs, it may be dealt with in an analogous manner.

The three following Rules deal with the three types mentioned above.

0333 In the case of a book consisting of the same matter in more than one language, the Most Popular of the Languages in which the matter occurs is to be used to construct the Language Number.

0334 In the case of a book consisting of a classic with commentaries in one or more languages,

(a) if the classic is of greater importance than the commentaries, the language in which the classic is given is to be used to construct the Language Number; and

(b) if the classic is of less importance than the commentaries, the Most Popular of the Languages in which a commentary occurs is to be used to construct the Language Number.

0335 In the case of a book consisting of two or more commentaries of a classic but not containing the classic itself, the Most Popular of the Languages in which a commentary occurs is to be used to construct the Language Number.

0336. In the case of a book belonging to a Main Class other than 'Literature', if it is in the Favoured Language or if the language to be used to construct the Language Number is the Favoured Language, the Language Number need not be written.

This rule is intended to effect economy in notation. As, by definition, the majority of the books in a library should be in the Favoured Language, this rule results, really, in saving a large amount of labour and time. It also reduces the Book Number to two digits in the case of a majority of books in a library. Incidentally, this rule leads to another desirable effect. According to this rule, among the books in any ultimate class, the group of those in the Favoured Language will have precedence over the groups in the other languages.

0337 In the case of a book belonging to the Main Class 'Literature', if the language of the book is the same as the

## BOOK NUMBER

language of the literature, the Language Number need not be written.

This rule also is intended to effect economy in notation. Normally the majority of the books falling in the Main Class 'Literature' are likely to be in the language of that literature. Hence it is an advantage to suppress the Language Number if the language of the book is the same as the language of the literature. A few books such as translations, biographies, criticisms, etc., may be in languages other than the language of the literature. In such cases, the Language Number ought to be written. It may be explicitly stated here that even if the language of the book or the language to be used to construct the Language Number is the Favoured Language, the Language Number ought to be written.

### 034 The Date Number

034 The Date Number is got by translating the decade of publication into appropriate symbols (capital letters of the Roman alphabet) in accordance with the following schedule and putting thereafter in Arabic numerals the number of the year of publication within the decade:—

#### CHRONOLOGICAL TABLE FOR BOOK NUMBER

A Before 1880	J 1960 to 1969	S 2050 to 2059
B 1880 to 1889	K 1970 to 1979	T 2060 to 2069
C 1890 to 1899	L 1980 to 1989	U 2070 to 2079
D 1900 to 1909	M 1990 to 1999	V 2080 to 2089
E 1910 to 1919	N 2000 to 2009	W 2090 to 2099
F 1920 to 1929	O 2010 to 2019	X 2100 to 2109
G 1930 to 1939	P 2020 to 2029	Y 2110 to 2119
H 1940 to 1949	Q 2030 to 2039	Z 2120 to 2129
I 1950 to 1959	R 2040 to 2049	AA 2130 to 2139
		AB 2140 to 2149
		etc.

The above chronological table has been prepared purely with the conditions of the Madras University Library in view. Since the library itself was formed only twenty-five years ago, most of its books are those published in recent years only. It has been found that no ultimate class contains more than a few books published before 1880. Such a condition is likely to obtain in many of the Indian libraries. In the case of older libraries the starting point of the chronological table may be some suitable year earlier than 1880. In the case of very ancient libraries and manuscripts libraries, it may be better to use the divisions of the Chronological Schedule given as Schedule 5 of Part II.

## BOOK NUMBER

The following are some examples of the translation of the year of publication into symbols:—1929 = F9, 1930 = G0, 1939 = G9, 1965 = J5.

0341 The date of publication of a work is the year which is given in the imprint of the title page.

0342 If a book is a facsimile reproduction of another book the date given in the facsimile title page is to be taken as the year of publication.

0343 Subject to the provisions of Rule 0342, if there be more than one title page giving a year in the imprint, the latest of such years is to be taken as the year of publication.

0344 If the year of publication is not given in the imprint of the title page but one or more years are given on the back of the title page, the latest of such years is to be taken as the year of publication.

0345 If no year is given either in the imprint of the title page or on its back, or if the book has no title page, the latest of the years given under the preface or inferable from any other part of the book is to be taken as the year of publication.

0346 If the year of publication cannot be inferred from any part of the book, it is to be found from books of reference or from any other source of bibliographical information.

For the books in the English Language, the *English catalogue*, the *Reference catalogue*, the *British Museum catalogue*, the bibliographies given in books such as *Cambridge history of English literature*, and such other works, may be of use.

0347 If the year of publication cannot be found by any of these methods, the most probable year is to be guessed from the nature of printing, the nature of paper and such other information that may be available.

0348 If the year of publication is not taken from the title page or its back, the decision arrived at by the classifier must be checked by another person and if there is difference of opinion, the matter is to be referred to the Chief Librarian for final decision.

### **035 The Accession part of the Book Number**

035 If more than one book of the library, having the same ultimate class, are written in the same language or have

## BOOK NUMBER

the same language to be used to construct the Language Number and have also the same year of publication, the books are arranged in the order of accession when it can be ascertained or otherwise in any arbitrary order. In the case of the first book, the Book Number is to end with the Date Number. In the case of the second book, the Date Number is to be followed by 1; in the case of the third book, the Date Number is to be followed by 2; in the case of fourth book, the Date Number is to be followed by 3 and so on. In the case of the  $n$ th book, the Date Number is to be followed by  $n-1$ .

0351 The digit or digits thus added to the Date Number may be termed the Accession Part of the Book Number.

0352 If the Accession Part of the Book Number consists of more than one digit, it is to be read as an integer and not as a decimal.

It is obvious that if the library possesses more than one book published in a given language in a given year and belonging to a given ultimate class, the Book Number will not individualise them if it stops with the Date Number. But the addition of the Accession Part will remove the difficulty.

A library cannot decide in advance which of the books having the same ultimate class and published in the same year in the same language will be acquired by it. Hence, it has been decided that the most convenient way of arranging such books is to arrange them by the order of accession.

Further, when the first of such books is acquired, it cannot be known whether the library will get any other such book. In case it does not get any other such book the addition of '1' after the Date Number of the only book acquired may prove to be unnecessary. Nor will it be convenient to add '1' to the Date Number of the first book as soon as a second book is acquired, since the task of changing the number in numerous places, which will be necessary, will involve waste of time. Hence, it has been decided to leave the first book without the addition of the Accession digit and to add the Accession digit or digits only in the case of the later books.

It may be explicitly remarked that this Rule is also applicable to additional copies of one and the same book.

### 036 The Volume Number

It may happen that a work is in more than one volume. In such a case it would be desirable to devise the Book Numbers of the volumes in such a way that they are all brought together. The device that is employed for this purpose is given in Rule 0361. But before going to

## BOOK NUMBER

that Rule, it will be convenient to formulate a test for deciding when the volumes of a set are to be kept together. The following Rule gives a set of sufficient tests.

036 A set of volumes is to be deemed to be indivisible if one or more of the following conditions hold good:—

(a) The set possesses a common index.

(b) The same sequence of pagination is continued throughout all the volumes of the set.

(c) The subject matter is promiscuously distributed among the volumes of the set so that it is not practicable to treat each volume as a separate book.

The tendency should be to separate the volumes of a set except under very rare circumstances. Then only the volumes will get placed along with the other volumes in cognate classes. Hence the tests have been so framed that a set will be deemed indivisible only under rare and exceptional circumstances.

0361 In the case of an indivisible set of volumes, the volumes of the set are to be individualised by putting a dot after the Date Number or the Accession Part of the Book Number, as the case may be, and putting the number of the volume in Arabic numerals after the dot.

03611 The digit or digits thus added after the dot may be termed the Volume Number.

03612 If it consists of more than one digit, it is to be read as an integer and not as a decimal.

The device given in the Rule secures in a very natural way that the volumes of the set are kept in their proper order.

If the volumes of an indivisible set are not published in the same year, the year that is to be used for the Date Number is indeterminate. The following Rule is enunciated to remove this indeterminateness.

0362 The date of publication of an indivisible set is the year in which the earliest published volume in the set is published.

One might ask why should not the year of publication of the first volume of the set be used for the construction of the Date Number. Not infrequently it happens that the volumes of an indivisible set are not published in a normal order. Exigencies may lead to the publication of a later volume before an earlier volume and in fact to the publication of the volumes in any irregular order.

## BOOK NUMBER

Hence, if the labour of changing the numbers is to be avoided, it is obvious that the most convenient year that can be taken as the year of publication of the set is the year in which the first published volume in the set appears.

### 037 The Supplement Number

037 In the case of a volume which has supplementary volume or volumes, the Book Number of the supplementary volume or volumes is to consist of the Book Number of the corresponding main volume followed by a dash which is itself followed by the number of the supplement in Arabic numerals.

0371 If a supplementary volume relates to more than one volume of an indivisible set of volumes, its Book Number is to consist of the Book Number of the last of such volumes in the set, followed by a dash which is itself followed by the number of the supplement in Arabic numerals.

The result of this rule is to attach the supplementary volume to the last of the volumes to which it relates.

0372 The digit or digits thus added after the dash may be termed the Supplement Number.

0373 If it consists of more than one digit, it is to be read as an integer and not as a decimal.

0374 A Book Number which has a Supplement Number as its part is to come immediately after the Book Number which is made up only of the digits preceding the dash and if there be more than one supplement to a book they are to be arranged among themselves in the order of the Supplement Number.

Usually such supplementary volumes either contain additional information or maps or statistical tables which are not complete by themselves but have use only when read with the main volumes. Hence, it is usually found that it is more convenient if the supplementary volumes are all kept together with the main volumes in the order in which they appear. The device given in the Rules of this section is to secure this object.

## 1 MAIN CLASS DIGIT

10 The first digit of a Class Number is the symbol representing the Main Class of knowledge into which the book falls. It may be termed the MAIN CLASS DIGIT.

We now begin the rules relating to the construction of the Class Number part of the Call Number. The first digit is naturally to represent the Main Class of knowledge that occupies either the whole or the major portion of the book.

101 The twenty-eight classes into one and only one of which each book has to fall may be termed the Main Classes and the digits representing them are given in Schedule I of Part II.

The special device, that has been employed to make the Main Classes totally exhaustive, consists in the introduction of certain generalia classes, viz., the Generalia Class proper which has no letter attached to it, the Science (General) Class which is represented by *A*, the Natural Science (General) Class which is represented by *G*, the Useful Arts Class which is represented by *M* and the Miscellaneous Social Sciences Class which is represented by *Y*. The existence of composite books is another reason which necessitates the introduction of such generalia classes.

The task of making the twenty-eight Main Classes mutually exclusive is by no means easy, since the terms used to name these classes are not definite in their denotation. The boundary lines between the different Main Classes are never either clear or definite. Sciences usually shade into one another and the boundary line gets shifted from time to time. Hence, the only practical way in which the terms can be made definite is to define these terms by successive sub-divisions\*. This will be done in the later chapters. The mutual exclusiveness of the classes will be secured by taking care to see that the subdivisions are so constructed as to avoid overlapping. Further, once the subdivisions get themselves attached to particular Main Classes, due care should be taken to see that they are not disturbed from their position. In other words, the library should be absolutely consistent in the use of the subdivisions.

It can be seen that these twenty-eight Main Classes fall into four broad groups. The classes *A* to *M* constitute the group 'the Sciences and their applications'.  $\Delta$  forms a group by itself. The classes *U* to *Z* relate to the subjects that deal with 'Man in society' The remain-

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\* *Vide* Canon of Enumeration developed in the *Prolegomena to library classification*.

## MAIN CLASS DIGIT

ing divisions relate to the other humanistic subjects. There is some kind of evolutionary relation among the classes of each group, as shown in pp. 204-206 of the *Prolegomena to library classification*. The appropriateness of the placing of  $\Delta$  between the sciences and the humanities will be shown in chapter  $\Delta$  of this part.

Any book dealing with more than one of the classes *H* to *L* is to be placed in the class *G*. Any book which deals with more than one of the Sciences, *i.e.*, with more than one of the classes *B* to *M*, but one at least of which falls outside and one at least inside the group of classes *G* to *L*, is to be placed in the class *A*. Any book which deals with more than one of the classes *Q* to *Z* is to be placed in the class *Y*. Finally any book which deals with more than one subject, one at least of which falls outside and one at least inside the group of the scientific subjects, is to be put in the class 'Generalia'.

11 To fix the first digit, the title, the contents, the preface, the index and the whole book are to be used in order. One is to go down the sequence as far as it is necessary.

In a majority of modern books the title, no doubt, indicates the Main Class of the book. But in certain cases, the title may be either non-significant or positively misleading. Hence, it may be necessary to check the decision made with the use of the title, by turning through the pages of the book in a rapid manner.

When the title is non-significant, the contents of the book may throw some light on its Main Class. But there are cases where it may not be possible to find the Main Class of the book except by reading it through. Roughly speaking about half a percent of the books in a library may involve such a long process to find out the Main Class. (*Vide* Chapter 9 of the *Prolegomena to library classification*.)

12 Rules governing the fixing up of the second and further digits will depend upon the first digit.

This Rule merely states the obvious fact that the subdivision of different subjects will have to proceed on different lines. Most of the later chapters are really devoted each to one Main Class.

While the commentaries on some of the rules in later chapters seek to discuss the definition of the terms used to denote the classes, the denotation of most of the classes is to be inferred, in conformity to the Canons of Context and Enumeration, from the filiatory order in which the classes are enumerated in the schedules of Part II.



## 2 COMMON SUBDIVISIONS

2 Subdivisions which may occur in many classes may be termed COMMON SUBDIVISIONS.

There are certain subdivisions which may occur in many classes, for example, we may have to provide for the subdivisions;—bibliography, biography, collected works, conference, history and so on in the case of many classes. It will be convenient if the same Common Subdivision is always represented by the same symbol in all cases. The mnemonic table of Common Subdivisions is built up with this object in view and has been included among the preliminary tables.

21 The Common Subdivisions and the digits representing them are given as Schedule 2 of part II.

It is not maintained that every one of these Common Subdivisions will be applicable to every class. All that is intended is that they may be applicable to many classes. For example, *Bv* is History of Mathematics, *Pv* is History of Linguistics, *Xv* is History of Economics, *C52v* is History of the Physics of X rays, *P111:J1v* is History of the Phonology of Modern English.

In certain subjects, some of the symbols used in this table will be given a special meaning. For example, in Literature *c* will stand for 'Index of titles' and *e* will stand for 'Index of first lines'. In Linguistics *z* will stand for 'Comparative and genetic study'. Such special use of the symbols of the Schedule of Common Subdivisions will be indicated in subsection '8' of the chapters dealing with the respective subjects.

22 Any Class Number may, if possible, be amplified by the addition of a COMMON SUBDIVISION NUMBER, which shall consist of Common Subdivision digits, bare or amplified.

23 Unless otherwise specified the Class Number is to be worked out on the basis of the prescribed trains of characteristics to the fullest extent admitted by the book before it is amplified by a bare or amplified COMMON SUBDIVISION NUMBER.

231 In the case of biographies and some types of collected works, the CLASS NUMBER is to be worked out to the least extent possible. The exact extent has to be left to the flair of the classifier.

## COMMON SUBDIVISIONS

24 Whenever warranted, two or more Common Sub-division numbers may be added in succession.

*e.g.* History of a laboratory will warrant successive amplification by *c* and *v*.

The manner in which Common Subdivision digits are to be amplified is given in the succeeding Rules of this Chapter. In most of these Rules the terms *Chronological Device* and *Geographical Device* will appear. Their meaning will be found in Chapter 6 of this Part.

2a The digit *a* may be amplified as the Generalia Class '1 Bibliography' is subdivided if the nature of the book warrants it or otherwise simply by the Chronological Device. The Chronological Number is to be worked out to two digits. The decade up to which the bibliography is brought, is to be used as the epoch.

The following few lines will illustrate the use of the Chronological Device, when fullfledged amplifications as in '1 Bibliography' is not warranted. Let us take the class *Principles of literary criticism* as an example. It is possible to have many bibliographies of this subject brought up to one of several periods, like the Aristotelian period, the Augustan period, the Elizabethan period, the Victorian period, the Georgian period and so on. If the digit *a* which comes after the Class Number of the class *Principles of literary criticism* is not amplified by the Chronological Device, all these bibliographies will get arranged simply by their dates of publication with the result that the bibliographies of the different periods get intermingled. On the other hand if the digit *a* is amplified by the Chronological Device as laid down in this Rule, the bibliographies will be grouped by the latest periods covered by them and the groups will themselves come in the normal chronological sequence. Certainly it is much more desirable to have them grouped like that.

2b The digit *b* as well as the subdivisions of *b* may be amplified first by the Geographical Device and then by the Chronological Device, the Geographical Number and the Chronological Number being separated by a colon. The Chronological Number is to be worked out to two digits. The latest decade about which the book gives information is to be used as the epoch. In the case of the bare digit *b* and the numbers *b1* and *b5*, a colon is to be put before the Geographical Number.

The common sub-division *b1* is to accommodate tests of qualifications only. The technique of applying the tests will go to the appropriate Main Classes. For example, the technique of testing physical fitness is to be classed in L:8 and the technique of conducting examinations or intelligence tests is to be classed in T:47.

## COMMON SUBDIVISIONS

2c The digit *c* may be amplified, first by the Geographical Device and then by the Chronological Device, the Geographical Number and the Chronological Number being separated by a colon. If the book gives an account of a particular laboratory, the Chronological Number is to be worked out to three digits, the year of foundation of the laboratory being used as the epoch. Otherwise it is to be worked out to two digits only, the latest decade about which the book gives information being used as the epoch.

2d The digit *d* may be amplified in the same way as the digit *c* except that, if it refers to an exhibition, the year of the exhibition is to take the place of the year of foundation.

2e The digit *e* may have to be subdivided, whenever necessary, according to the nature of the Class Number which it amplifies.

There are likely to be many instruments related to any given class. In the case of a book which deals with more than one instrument, the class number is to be amplified by the bare digit *e*. But if a book deals with one single instrument only, it will be convenient to have *e* further subdivided. No attempt has been made in this edition to give the subdivisions of *e* that will be appropriate to the different classes. Except in very specialised libraries, the need for it may not arise. Such specialised libraries may work out a scheme of subdivision that satisfies the Canon of Mnemonics, enunciated in the *Prolegomena to library classification*.

2f The digit *f* may be amplified by the Chronological Device. The Chronological Number is to be worked out ordinarily to two digits. The decade, the conditions of which are represented by the map or atlas, is to be used as the epoch.

2g The digit *g* may not require any amplification.

2h The digit *h* is to be amplified first by the Geographical Device and then by the Chronological Device, the Geographical Number and the Chronological Number being separated by a colon. The country in which the institution is situated is to be used to construct the Geographical Number. The Chronological Number is to be worked out to three digits. The year of foundation of the institution is to be used as the epoch.

2j The digit *j* may be amplified by the Chronological Device. The Chronological Number is to be worked out to three digits, the year of birth of the person or the year of

## COMMON SUBDIVISIONS

foundation of the institution, in whose memory or honour the book is written, is to be used as the epoch.

2*k* The digit *k* may not require any amplification.

2*l* The digit *l* is to be amplified first by the Geographical Device and then by the Chronological Device, the Geographical Number and the Chronological Number being separated by a colon. The country in which the Society had its headquarters at the time of foundation is to be used to construct the Geographical Number. The Chronological Number is to be worked out to three digits. The year of foundation of the Society is to be used as the epoch.

The term *society* is used to denote a Learned Society founded and maintained for the pursuit of one or more branches of knowledge. The digit *l* is to be used in the case of a book which gives an account of the Society. But in the case of occasional or periodical publications issued by the Society, the digit *l* is not to be used. Such publications are to be treated as ordinary books or as periodical publications as the case may be.

2*m* The digit *m* is to be amplified first by the Geographical Device and then by the Chronological Device, the Geographical Number and the Chronological Number being separated by a colon. The country in which the first volume of the periodical was published is to be used to construct the Geographical Number. The Chronological Number is to be worked out to three digits. The year in which the periodical was commenced is to be used as the epoch if it is not the organ of a Society. If it is the organ of a Society, the year in which the Society was founded is to be used as the epoch.

As a result of this rule, all the volumes of a specific periodical will get the same Class Number and will be brought together as their Class Number will be unique. They will be individualised by their Book Numbers.

2*m*1 When applied to further amplify the digit *m*, the digit *a* is to be used in the case of cumulative indexes. It may be amplified in accordance with Rule 2*a*.

2*m*2 If a volume of a set is in more than one part, the parts are to be regarded as an indivisible set in constructing the Book Number.

2*m*3 In the case of a periodical publication, the Language part of the Book Number need not be written.

## COMMON SUBDIVISIONS

The Class Number of a periodical publication contains the Geographical Number of its place of origin. As a result of this, the periodical publications in any given subject will get themselves grouped by the countries. This would incidentally lead also to the grouping of the periodicals by languages except in a few anomalous cases. Hence the adding of the Language Number in the Book Number would be redundant.

2m4 If a Society publishes two or more periodical publications which treat of the same class of knowledge, the class number for the first is to be constructed as provided in rule 2m and the class numbers for the second, third, *etc.*, are to be got from that of the first by adding the digit 1, 2, *etc.*, respectively to it. If the number thus added be in two or more digits, it should be read as an integer and not as a decimal.

As a result of this rule, all the periodicals issued by the same Society and treating of the same class of knowledge will come together.

2n The digit *n* may be amplified first by the Geographical Device and then by the Chronological Device, the Geographical Number and the Chronological Number being separated by a colon. The country or any other geographical area about which the yearbook, *etc.*, gives information is to be used to construct the Geographical Number. The Chronological Number is to be worked out to three digits. The year of commencement of the yearbook, *etc.*, is to be used as the epoch.

As a result of this rule, all the issues of a specific yearbook, *etc.*, will get the same Class Number and will be brought together as their Class Number will be unique. They will be individualised by their Book Numbers.

2n1 If a volume of a yearbook, *etc.*, is in more than one part, the parts are to be regarded as an indivisible set in constructing the Book Number.

2n2 If the same Geographical Number or the same Chronological Number or both has or have been used in constructing the Class Number, which is amplified by the digit *n*, the Geographical Number or the Chronological Number or both, as the case may be, may be omitted in amplifying the digit *n*.

It is obvious that it would be redundant to repeat the same numbers both before and after the digit *n*.

## COMMON SUBDIVISIONS

2*p* The digit *p* is to be amplified first by the Geographical Device and then by the Chronological Device, the Geographical Number and the Chronological Number being separated by a colon. The country or any other geographical area which engages the attention of the Conference, or, otherwise, to the people of which the membership of the Conference is primarily restricted, is to be used to construct the Geographical Number. The Chronological Number is to be worked out to three digits. If the Conference is a stray one, the year of the Conference is to be used as the epoch; if it is held periodically by a permanent agency and if it is desirable to bring together the proceedings of the successive sessions, the year of the first sessions is to be used as the epoch.

2*p*1 If the same Geographical Number or the same Chronological Number or both has or have been used in constructing the Class Number which is amplified by the digit *p*, the Geographical Number or the Chronological Number or both, as the case may be, may be omitted in amplifying the digit *p*.

It is obvious that it would be redundant to repeat the same numbers both before and after the digit *p*.

2*q* The digit *q* may be amplified, first by the Geographical Device and then by the Chronological Device, the Geographical Number and the Chronological Number being separated by a colon. The country or any other geographical area which is covered by the Bill, etc., is to be used to construct the Geographical Number. The Chronological Number is to be worked out to three digits. The year of the Bill, etc., is to be used as the epoch.

2*q*1 If the same Geographical Number or the same Chronological Number or both has or have been used in constructing the Class Number which is amplified by the digit *q*, the Geographical Number or the Chronological Number or both, as the case may be, may be omitted in amplifying the digit *q*.

It is obvious that it would be redundant to repeat the same numbers both before and after the digit *q*.

2*r* The digit *r* may be amplified by the Geographical Device. The country or the Geographical area which is covered by the Report is to be used to construct the Geographical Number.

## COMMON SUBDIVISIONS

This will secure that the successive issues of one and the same Report will get the same Class Number and will be brought together as their Class Number will be unique. The different issues of the Report will be individualised by their Book Numbers.

It may be explicitly stated that the digit appropriate to the report of a Commission is  $t$  and not  $r$ ; similarly the digit appropriate to the report of a Conference is  $p$  and not  $r$ ; the digit appropriate to the report of a survey is  $u$  and not  $r$ .

2r1 If the same Geographical Number has been used in constructing the Class Number which is amplified by the digit  $r$ , the Geographical Number may be omitted in amplifying the digit  $r$ .

It is obvious that it would be redundant to repeat the same number both before and after the digit  $r$ .

2r2 If an issue of a Report is in more than one part, the parts are to be regarded as an indivisible set in constructing the Book Number.

2r3 If more than one type of Report are issued by the same body or institution, that is, if more than one type of report get the same Class Number by Rule 2r or 2r1, as the case may be,

(a) in the case of one of the types in the library, the Class Number constructed by Rule 2r or 2r1, as the case may be, is to be used without further amplification,

(b) in the case of the second, third, etc., types in the library, a colon is to be put after the Class Number constructed by Rule 2r or 2r1, as the case may be, and thereafter the number 1, 2, etc., respectively is to be added. If the number thus added is in more than one digit, it is to be read as an integer and not as a decimal.

2s The digit  $s$  may be amplified first by the Geographical Device and then by the Chronological Device, the Geographical Number and the Chronological Number being separated by a colon. The country or the geographical area about which the book gives information is to be used in constructing the Geographical Number. The Chronological Number is to be worked out to two digits. If the publication is a stray or isolated one, the year covered by the publication is to be used as the epoch. If the publication is issued periodically, the digit  $s$  is to be amplified by the digit  $m$  with the

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proviso that if it is issued by a government, the Chronological number may be omitted and rule 2r3 may be applied if necessary.

This will secure that the successive issues of any statistical publication issued periodically will get the same Class Number and will be brought together as their Class Number will be unique. The different issues will be individualised by their Book Numbers.

2s1 If the same Geographical Number or the same Chronological Number or both has or have been used in constructing the Class Number which is amplified by the digit *s*, the Geographical Number or the Chronological Number or both, as the case may be, may be omitted in amplifying the digit *s*.

It is obvious that it would be redundant to repeat the same numbers both before and after the digit *s*.

2s2 If an issue of a statistical publication is in more than one part, the parts are to be regarded as an indivisible set in constructing the Book Number.

2t The digit *t* is to be amplified first by the Geographical Device and then by the Chronological Device, the Geographical Number and the Chronological Number being separated by a colon. The country or the geographical area coming within the purview of the Commission, etc., is to be used in constructing the Geographical Number. The Chronological Number is to be worked out to three digits. The year of appointment of the Commission, etc., is to be used as the epoch.

2t1 If the same Geographical Number or the same Chronological Number or both has or have been used in constructing the Class Number which is amplified by the digit *t*, the Geographical Number or the Chronological Number or both, as the case may be, may be omitted in amplifying the digit *t*.

It is obvious that it would be redundant to repeat the same numbers both before and after the digit *t*.

2u The digit *u* is to be amplified first by the Geographical Device and then by the Chronological Device, the Geographical Number and the Chronological Number being separated by a colon. The country or the geographical area coming within the purview of the Survey, etc., is to be used in constructing the Geographical Number. The Chronological



## COMMON SUBDIVISIONS

Number is to be worked out to three digits and the date of commencement of the Survey, etc., is to be used as the epoch, if it is a specially constituted survey. Otherwise, the chronological number is to be worked out to two digits and the latest decade covered by the survey or the descriptive account is to be used as the epoch. Further, if the conditions surveyed are not subject to frequent change, (*e.g.* geological conditions), the chronological number may be worked out to a single digit or may even be omitted altogether.

2u1 If the same Geographical Number or the same Chronological Number or both has or have been used in constructing the Class Number which is amplified by the digit *u*, the Geographical Number or the Chronological Number or both, as the case may be, may be omitted in amplifying the digit *u*.

It is obvious that it would be redundant to repeat the same numbers both before and after the digit *u*.

General travel books will get a place in the Subject Division *U*. The Class Numbers of such books need not be amplified by the digit *u*.

2v The digit *v* is to be amplified first by the Geographical Device and then by the Chronological Device, the Geographical Number and the Chronological Number being separated by a colon. The country or the geographical area about which the book gives information is to be used in constructing the Geographical Number. The Chronological Number is to be worked out to two digits. The decade up to which the history is brought in the book is to be used as the epoch.

The remarks similar to those given under Rule 2a will hold good here also.

2w The digit *w* is to be amplified by the Chronological Device. If a book gives the biography of a single person, the Chronological Number is to be worked out to three digits, and the year of birth of the biographee is to be taken as the epoch. If a book gives the biographies of more than one person, the Chronological Number is to be worked out to two digits and the decade of birth of the youngest of the biographees is to be taken as the epoch.

2w1 If the same Chronological Number has been used in constructing the Class Number which is amplified by the digit

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*w*, the Chronological Number may be omitted in amplifying the digit *w*.

A biographical book is to get the Class Number of the class with which the name of the biographee is primarily associated. For example, the biography of a mathematician is to be placed in the Class B; the biography of an astronomer is to be placed in the class B9; the biography of an electrical engineer is to be placed in the class D66; and that of a person like Mahatma Gandhi, whose name is primarily associated with work on political rights of India, is to be placed in the class V44:25. On the other hand, the biography of a person whose name cannot be definitely associated with some subject or another is to be placed in 'Generalia'. Similarly if a book gives the biography of a number of persons whose names are associated with more than one subject, one at least of which falls among the group of Subject Divisions N to Z, it is to be placed in 'Generalia'.

The letters and correspondence of a person are to be treated as part of his biography for the purpose of this Rule.

2*w*2 In many of the Social Sciences and in the divisions of the Main Class  $\Delta$ , it is possible for the case-study or observation-study mode of exposition to take the form of a biography. In such a case, the Class Number is to be amplified by *y*7 and not by *w*.

*Examples:* 1. Purohit Swami's *An Indian monk: his life and adventures* is to be given the Class Number  $\Delta 2y7M82$  and not  $\Delta 2wM82$ .

2. E. Allison Peer's *Ramon Lull : a biography* is to be given the Class Number  $\Delta 6y7G32$  and not  $\Delta 6wG32$ .

3. But, a biography of Rom Landau or of Paul Brunton is to be amplified only by *w*, though its Main Class is  $\Delta$ , since their biographies are of interest not as case-studies but only as lives of persons who have made a special study of the Main Class  $\Delta$ .

2*w*3 The biography of a person whose importance is due mainly to his association with some other person of importance, either as a relative or as a friend, or in any other manner is to be given the Class Number of the biography of that person of importance.

The biography of such a relative or friend is of interest to the readers only because of the light it throws on the life of the person of importance. For example, it may be said that the biography of Jane Welsh Carlyle is of interest because it throws light on the life of Thomas Carlyle. Hence the book will have a greater chance to find a reader if it is placed with the biographies of Thomas Carlyle. It is just this result that is sought to be secured by this Rule.

## COMMON SUBDIVISIONS

**2x** The digit *x* may be amplified by the **Chronological Device**. If a book gives the collected works or selections from the works of a single person, the **Chronological Number** is to be worked out to three digits, and the year of birth of the author is to be taken as the epoch. If a book gives the collected works or selections from the works of more than one person, the **Chronological Number** is to be worked out to two digits and the decade of birth of the youngest of the authors is to be taken as the epoch.

**2x1** If the same **Chronological Number** has been used in constructing the **Class Number** which is amplified by the digit *x*, the **Chronological Number** may be omitted in amplifying the digit *x*.

The digit *x* is to be used to amplify the **Class Number** of a book if it contains either more than one work of an author or the works of more than one author. The collected works may be in one volume or in a set of indivisible volumes.

**2y** The digits *y* and *z* and their subdivisions may not require any amplification, except that when *y7* is used to denote the life of a person or an account of an institution, it may be amplified as *w* and *h* respectively.

### 3 GEOGRAPHICAL DIVISIONS

30 The Geographical Divisions and the numbers representing them are given in Schedule 3 of Part II.

Several subjects may have to be subdivided geographically at one stage or another. The Main Classes 'History' and 'Geography' will certainly have to be so divided. We have seen in Chapter 2 that the Geographical Division becomes necessary for the amplification of some of the Common Subdivision digits. It will be seen in Chapter 4 that the Language Schedule has to make use of the Geographical Schedule. The notation will gain considerably in mnemonic value if the same number is used to denote the same area in all cases. With this in view, the Geographical Schedule has been constructed and included among the preliminary schedules.

31 The subdivisions of '1 World' are got by using certain convenient characteristics, other than the canonical continent characteristic, which forms the basis for arriving at numbers 4, 5, . . . 9 of the schedule.

32 The digit 2 may be used for the country or province or place to which the library belongs.

It is likely that a library will have a more extensive collection of books pertaining to its country or province or place. Hence the number for that area will have to be inserted very frequently. Further it will have to be subdivided much more profusely than those of other countries or provinces or places. Whereas the number it gets in its natural place in the Geographical Schedule will contain at least two digits and may contain many more, it would add to economy of notation if it can be indicated by a single digit. Hence, it is suggested, that the normal number it gets in its natural place may be left unused and the digit 2 be used to represent it. This rule secures satisfaction to the Canon of Local Variation.

33 As the digit 2 is reserved for the library's own country, etc., the digit 3 may be reserved for the most favoured country.

Here, the term "most favoured" means the country about which the library has a much larger collection than about other countries barring its own country. All the remarks made under Rule 32 are applicable to this rule also.

## GEOGRAPHICAL DIVISIONS

34 If any ultimate area mentioned in the schedule requires further subdivision, the subdivision may be effected in accordance with the following plan. Let the area be divided into eight convenient sectors and the sectors be numbered as hereunder:

1 East	5 West
2 South East	6 North West
3 South	7 North
4 South West	8 North East

If only one sub-area falls in a sector, the number of the sector may be given to the sub-area. If more than one sub-area falls in a sector, it may be further subdivided in a similar manner. The digit '9' may be reserved for indicating the islands in the neighbourhood of the area.

A strict adherence to this principle is not demanded nor is it possible in all cases. All that is intended is that the rule may be used as a rough guiding principle. It will be found that Schedule 3 of Part II gives detailed subdivisions of certain countries only. They are to be taken as illustrative. The other countries also are to be subdivided similarly, as need arises.

35 A city or town is to be individualised by amplifying the number for its country by the letter C, which itself is to be amplified by the Alphabetic Device (*vide* Rule 67).

For certain cities an alternative number has been suggested in the Geographical Schedule.

36 A lake, mountain or river lying within a country is to be individualised as in Rule 35, except that the mnemonic letter is to be L, M and R respectively.

37 An international lake, mountain or river is to be individualised as in Rule 36, except that the basic Geographical Number is to be that of the continent to which it belongs.

## 4 LANGUAGE DIVISIONS

40 The Language Divisions and the numbers representing them are given in Schedule 4 of Part II.

We have already seen in Chapter 03 that the Language Number is used in the construction of the Book Number. It can easily be seen that it will also be required in the subdivision of the Main Classes 'Literature' and 'Linguistics'. Our notation will gain considerably in mnemonic value if the same number is used to denote the same language in all cases. With this in view the Language Schedule has been constructed and included among the preliminary schedules.

41 To represent a language, definitely known to belong to one of the three families represented by the digits '1', '2' and '3' but not indicated in the schedule, the digit 9 is to be added after the number of the ultimate division into which it will fall and the digit 9 is to be amplified by the Geographical Device, the area in which it first became current being used to construct the Geographical Number.

42 Among the languages to be divided by the geographical device if different languages have originated in the same area, they may be arranged in chronological order, if ascertainable, or in some arbitrary order and a colon followed by the numbers 1, 2, . . . may be put after the geographical number to indicate respectively the first, second . . . of these languages.

This problem may arise only in rare cases.

44 The languages comprised by the classes 4 . . . 9 are to be individualised by the Geographical Device, the respective areas, in which they became first current, being used to construct the Geographical Number.

45 The Artificial Languages are got by the Chronological Device, using the year of coining of the language as the epoch and working the chronological number to three digits.

## 5 CHRONOLOGICAL DIVISIONS

50 The Chronological Divisions and the numbers representing them are given in Schedule 5 of Part II.

In the Main Class 'History,' Chronological Subdivision will be essential. We have seen that, in amplifying some of the Common Subdivision digits, Chronological Subdivision is frequently availed of. It will be seen later that the chronological mode of division appears again and again in the subdivision of most of the classes. In fact, it occurs so frequently, that a part of the next chapter is devoted to the exposition of the idea "Division by Chronological Device" and the variety of uses to which the Chronological Number is put is indicated fully as a preliminary measure, so as to secure brevity in the enunciation of the rules for the detailed subdivision of the different subjects. Again, the variety of uses to which the Chronological Number is being put is one of the elements that has invested the Colon Classification with a marvelous degree of hospitality and elasticity, which is essential in a growing library.

51 In the case of the divisions E onwards, where each letter stands for a century, the decade is to be indicated if necessary by adding the digit of the decade—0, 1, . . . or 9, as the case may be—after the century digit. The year is to be indicated if necessary by adding the digit of the year—0, 1 . . . or 9, as the case may be—after the decade digit. The month is to be indicated if necessary by adding the number of the month—1, 2, . . . or 12, as the case may be—after the year digit. The number representing the month is to be read as an integer and not as a decimal, if it consists of more than one digit.

*e.g.*, E55 = 1055 A.D.      M00 = 1800 A.D.      P01 = 2101 A.D.

52 In the case of the division D, which represents the first millennium A. D., the century is to be indicated, if necessary, by adding the digit of the century—0, 1, . . . or 9 as the case may be—after D. The decade is to be indicated, if necessary, by adding the digit of the year—0, 1, . . . or 9, as the case may be—after the decade digit and so on.

*e.g.*, D010=10 A.D.      D541=541 A.D.

53 In the case of the divisions C and B, which represent respectively the first and the second millenniums B. C., the

## CHRONOLOGICAL DIVISIONS

century digit, the decade digit and the year digit are to be arrived at as follows:—Write the year in ordinary Arabic numerals. The excess of nine over the number representing the century is to be used for the century digit; the excess of nine over the number representing the decade is to be used for the decade digit; and the excess of nine over the number representing the year is to be used as the year digit.

*e.g.*, B025=1974B.C. B999=1000B.C. C499=500B.C. C989=10B.C.

54 In the case of the division A which represents "Before 2000 B.C.", A9 is to be used for the third millennium B.C., A8 for the fourth millennium B.C. . . . and A0 for the twelfth millennium B.C. A00 may stand for "Before 12,000 B.C." and may be further subdivided in the same way as A. Each of the numbers A0 to A9 may, if necessary, be further subdivided as in Rule 53.



## 6 EIGHT DEVICES

60 One or more of the following Eight Devices may be employed in constructing a Class Number.

- 1 The Colon Device;
- 2 The Geographical Device;
- 3 The Chronological Device;
- 4 The Favoured Category Device;
- 5 The Classic Device;
- 6 The Subject Device;
- 7 The Alphabetic Device; and
- 8 The Bias-number Device.

This chapter will be devoted to a short account of these Eight Devices which will be frequently employed in the construction of Class Numbers. A preliminary discussion of these devices will add to the clarity of the rules in the later chapters. It will also be conducive to brevity in the enunciation of the rules of classification.

### 61 The Colon Device

61 The Colon Device consists in separating, by a colon, the parts of a Class Number, which relate to the different trains of characteristics forming the basis of classification.

In most of the subjects, more than one relevant train of characteristics are available, as a basis of classification, for example, in Literature, the language, the form, the author and the work are the trains of characteristics available. A full discussion of these will be found in Chapter 7 of this part. In Chemistry, the problem of study and the substance studied are the trains of characteristics available. In Botany, the plant studied, the problem and the organ are the trains of characteristics available. In certain subjects like Mathematics, Physics and Geology, the first process of division may follow canonical lines; but the canonical classes may be capable of further division on the basis of more than one train of characteristic.

In all these cases, the part corresponding to each train of characteristics is capable of further division quite independently of the parts corresponding to the other trains of characteristics. This is made practicable by the insertion of a colon in accordance with this rule.

We have already seen in Rule 024 that the magnitude of *colon* lies between 0 and 1. As a result of this, a subdivision of a given number by the Colon Device will have precedence over all other subdivisions of

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the same number except those obtained by the Classic Device, the Bias-number Device and the application of a Common Subdivision Number. Also the subdivisions of a given number obtained by varying the train of characteristics forming the basis of classification will have precedence over all its subdivisions obtained either by Auto-Bias Device or by continuing the original itself, or by the Chronological Device, or by the Favoured Category Device, or by the Subject Device or by the Alphabetic Device.

An example may make this point clear. In the example chosen the rules given in Chapter 8 are necessarily anticipated. V44:18 is the Class Number for India's policy towards mandated territories. V441:8 is the Class Number for the Archival Sources of the history of the Madras Province. V4418 is part of the Class Number for the history of the Andhra Desa of the Madras Province. The ordinal arrangement for these numbers is as follows:—V44:18, V441:8, V4418. It can be seen that, as a consequence of the Colon Device, all books dealing with the history of India as a whole will come before the books dealing with the history of the Madras Province as a whole as well as the books dealing with the history of each of the other Provinces as wholes. Again, all the books dealing with the history of the Madras Province as a whole will come before the books dealing with the history of each of the different parts of the Province. And this is as it should be.

Here is another example. In this case the rules given in Chapter L are necessarily anticipated. L:2 is the Class Number for human anatomy; L:3 is the Class Number for human physiology; L:4 is the Class Number for diseases in General; L:4:6 is the Class Number for therapeutics in general; L:4:68 is the Class Number for aerotherapy in general; L2 is the Class Number for the digestive system; L2:2 is the Class Number for the anatomy of the digestive system; L2:3 is the Class Number for the physiology of the digestive system; L2:4 is the Class Number for the diseases of the digestive system; L2:42 is the Class Number for the infectious diseases of the digestive system; L2:421 is the Class Number for the tuberculosis of the digestive system; L2:42:6 is the Class Number for the treatment of infectious diseases of the digestive system; L2:421:6 is the Class Number for the treatment of tuberculosis of the digestive system; L2:421:68 is the Class Number for the aerotherapy of the tuberculosis of the digestive system; L24 is the Class Number for the intestines; L24:4 is the Class Number for the diseases of the intestines. The ordinal arrangement of these Class Numbers is as follows:—L:2, L:3, L:4, L:4:6, L:4:68, L2, L2:2, L2:3, L2:4, L2:42, L2:42:6, L2:421, L2:421:6, L2:421:68, L24, L24:4.

It can be seen that, as a result of the Colon Device, the group of books on human anatomy, the group of books on human physiology, the group of books on diseases in general, etc., will come before the groups of books dealing with individual organs. Among the books dealing with an individual organ, the group of general books will come first. Then the group of books on the anatomy of the organ, the group of books on the physiology of the organ, the group of books on the diseases

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of the organ, etc., will come in successive order. Among the books dealing with the diseases of a given organ, the group of general books on the diseases of the organ will come first. The groups of books dealing with particular types of diseases of the organ will come in successive order. Among the books that deal with diseases in general, the general books will come first and then the groups of books dealing with pathology, preventive measures, treatment, etc., will come in successive order. A similar internal arrangement will be secured among the books dealing with the diseases of a specific organ, and so also with the books dealing with the specific diseases of a given organ.

Thus, in the Colon System, the Class Numbers and the classes represented by them form a perfectly articulated system, like the skeleton of a human body, the colon playing the role of the ligaments and cartilages which connect the bones of the system to one another, giving freedom, at the same time, for each bone to grow and to move independent of the other bones. One can easily imagine the great advantage that a specialised worker will find in this system which enables him to lay his hands straight on all the materials connected with his work, with the least waste of time. The apparently complex structure of the number cannot be considered to be a source of strain, as the reader is not concerned with the number as such but he is concerned only with the convenient arrangement which the numbers bring about among the books.

Further, as a result of the use of colon, any Class Number becomes a multipartite number capable of expansion at as many points as there are colons, in addition to its being expansible at the right end, whereas in other schemes, a Class Number is capable of expansion at the right end only. In other words, the flexibility of the Colon Notation is many times greater than that of other notations.

The limitations in the flexibility of the notation impose a limitation on the degree of minuteness to which the classification can be carried. On account of the far greater flexibility which the notation of the Colon Classification possesses, the classes in the Colon Classification are capable of being worked out to a far greater degree of minuteness. We have seen, in the *Five laws of library science*, that practically every Law of Library Science demands that the classification should be as minute as possible. The Colon Classification satisfies the demands of the Laws of Library Science much more closely than any other scheme, as a result of the Colon Device. This can be realised by comparing some of the Class Numbers and their subdivisions according to the Colon Classification with the corresponding Class Numbers and their subdivisions according to any other scheme of classification. Some account of such comparison will be found in the *Prolegomena to library classification*.

The Colon Device automatically secures conformity to the Canon of Consistent Order and the Canon of Mnemonics. Further the Colon Notation satisfies the Canon of Hospitality in Chain to a much greater degree than the bare Decimal Notation. This implies that the Colon Notation furnishes a method for the individualisation of subjects to a

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degree that is not possible with the bare Decimal Notation, as illustrated in pp. 106 to 114 & 261 to 265 of the *Prolegomena to library classification*.

6101 It may be stated explicitly that rule 61 implies that a Colon is not to separate the number based on the first train of Characteristics from the Main Class Number.

6102 So also a Colon is not to separate the number based on the first train of characteristics from the Canonical Division Number of a Main Class. (*Vide* the beginning of the Schedules of B Mathematics, C Physics, H Geology, M Useful Arts, N Fine Arts, R Philosophy and Y Social Sciences for examples).

6103 Similarly a Colon is not to separate the number based on the first train of characteristics from a chronologically amplified Main Class Number. (*Vide* the end of the Schedules of S Psychology and X Economics for examples.)

611 In cases where the number on the left side of a colon has no chance whatever for expansion, the colon may be omitted and taken as understood.

This provision is introduced to secure economy of notation wherever possible. The rule for omission of the colon will become operative only if no ambiguity is likely to arise in the ordinal arrangement of the Class Numbers, as a result of the omission. The rules devoted to the classification of the different subjects will generally state when the colon may be so omitted.

The following are some illustrations. Colon is to be omitted between the Form Number and the Author Number in the Main Class 'O Literature' and the Stage Number and the Problem Number in the Main Class 'P Linguistics'.

612 It may be further stated that the numbering of the Classes based on any characteristic is made in conformity to the 'Unscheduled Mnemonics' explained in pp. 129 to 134 of the *Prolegomena to library classification*. This secures a better satisfaction of the Canon of Mnemonics.

613 It will be seen that the enumeration and the numbering of the classes based on any characteristic are made on the "Octave Principle" enunciated in pp. 100-102 of the *Prolegomena to library classification*. This secures complete satisfaction of the Canon of Exhaustiveness and the Canon of Hospitality in Array. The hospitality is really infinite.

### 62 The Geographical Device

62 The Geographical Device consists in using the appropriate Geographical Number for the further subdivision of a class which is capable of geographical division or when the individualisation of the subclasses may be made to depend con-

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veniently on the place of origin or on the place of prevalence or on the place of habitation or on the place that may be definitely associated with the respective subclasses in any other manner or for any other reason. The cases where this device may be applied are generally indicated either in the Schedules of Classification in Part II or in the Rules of Classification in this Part.

We have already seen in Chapter 2, that certain of the Common Subdivision digits can be amplified by the Geographical Device. For example, Rules 2*b*, 2*c*, 2*d*, 2*l*, 2*m*, 2*n*, 2*r*, 2*s*, 2*t*, 2*u*, and 2*v* provide for the amplification of the Common Subdivision digits *b*, *c*, *d*, *l*, *m*, *n*, *r*, *s*, *t*, *u*, and *v* by the Geographical Device. Again in the language table given in Schedule 4 of Part II, it will be seen that the languages not belonging to the Indo-European, the Semitic or the Dravidian families are to be individualised by the Geographical Device. Also, Rule 41 of Chapter 4 of this Part utilises the Geographical Device for individualising certain languages belonging even to the three families mentioned above.

Again Rules P101 and P105 of Chapter P of this Part utilise the Geographical Device for the individualising of dialects and jargons. The Geographical Device is also employed to individualise certain religions as can be seen from Schedule Q of Part II and from Chapter Q of this Part. It is needless to multiply examples at this stage.

The Geographical device automatically secures conformity to the Canons of Consistent Order, Helpful Order, Local Variation, Hospitality in Array, Hospitality in Chain and Mnemonics.

### 63 The Chronological Device

63 The Chronological Device consists in using the appropriate Chronological Number for the further subdivision of a class, which is capable of chronological division or when the individualisation of the subclasses may be made to depend conveniently on the period of origin or birth or on the year of first investigation or on the year of discovery or on the year of initiation or commencement or on the year of occurrence or on the year that may be definitely associated with the respective subclasses in any other manner or for any other reason. Some of the cases where this device may be employed are generally indicated either in the Schedules of Classification in Part II or in the Rules of Classification in this Part. Similar cases where it may be employed, will suggest themselves in the course of actual classification.

631 The chronological number is to be worked out to the century, decade, year or month as specified in the respective

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rules or, if there are no specific rules on the point, as may be most appropriate.

632 The epoch which is to be used to construct the chronological number will be that which is specified in the concerned rules or schedules or, if it is not so specified, that which may be most appropriate.

633 Except as otherwise stated and particularly subject to the rules of Chapter 2 of this part, when more than one entity are related to one and the same year and would otherwise get the same Class Number by the Chronological Device, that year is to be used to construct the Chronological Number for one of the entities and some vacant neighbouring years are to be used respectively to construct the Chronological Numbers of the other entities.

634 If no neighbouring year is vacant to make the application of rule 633 convenient, in the case of the second, third, etc., entities, the number 1, 2, etc., respectively is to be added to the Chronological Number arrived at by rule 632.

We have already seen in Chapter 2, that some of the Common Subdivision digits may be amplified by the Chronological Device. For example, Rules 2*a*, 2*b*, 2*c*, 2*d*, 2*j*, 2*l*, 2*m*, 2*n*, 2*p*, 2*q*, 2*t*, 2*u*, 2*v*, 2*w* and 2*x* provide for the amplification of the Common Subdivision digits *a*, *b*, *c*, *d*, *j*, *l*, *m*, *n*, *p*, *q*, *t*, *u*, *v*, *w* and *x* by the Chronological Device. The schedules in Part II contain many examples in which this device is usefully employed. The great hospitality which this scheme gets by this device is illustrated in the individualisation of special forms and functions in 'Mathematics,' in fixing the Author Numbers in 'Literature,' in the classification of universal languages in the schedule of language classes given in schedule 4 of Part II, in the classification of religious sects, in the classification of the different schools of 'Psychology' and 'Education' and in many other instances, which it would be unnecessary to list here exhaustively.

The Chronological Device automatically secures conformity to the Canons of Consistent Order, Helpful Order, Hospitality in Array, Hospitality in Chain and Mnemonics.

### 64 The Favoured Category Device

64 The Favoured Category Device consists in individualising a few, not more than nine or eighty-one categories, as may be prescribed, about which a larger number of publications exist or may be reasonably expected to come forth, by the digits 1, 2, ... 9 or 11, 12, ... 19, 21, 22, ... 29, ... 91, 92, ... 99, whereas the other categories of its class are to be indivi-

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dualised by some other device. The cases where this device may be applied are generally indicated in the Schedules of Classification in Part II.

This rule is intended to economise in notation in Classes in which a large number of publications may be expected. Incidentally it also gives priority in the shelf arrangement for popular classes. This device is employed at different stages in almost every subject. Illustrative divisions by the Favoured Category Device are given in various schedules in Part II. To quote one example here, in the Subject Division 'J Agriculture' 38 is the Number for Cereals and other seeds that are primarily produced for human consumption. Since rice is the most popular cereal, wheat comes next in popularity and so on, the number for rice is 381, that for wheat is 382 and so on, for the nine most popular cereals and food seeds.

### 65 The Classic Device

65 The Classic Device is employed for bringing together the different editions of a classic in a class, the different editions of each of its commentaries, the different editions of each of the subcommentaries of each of its commentaries and so on and of securing that the group of subcommentaries of a commentary is in juxtaposition to the commentary, that the group of commentaries of a classic is in juxtaposition to the classic and that the group formed of each classic and its associated commentaries is in juxtaposition to the groups of the other classics of the same class.

651 The Classic Device consists in putting the digit  $x$  after the number representing the ultimate class to which the book should be otherwise assigned, and amplifying the digit  $x$  by the Favoured Category Device or the Chronological Device to individualise the classic or the classical author concerned. The amplified  $x$  may be termed the *Classic Number*. The commentaries are indicated by amplifying the corresponding Classic Number by the Favoured Category Device or the Chronological Device. This amplifying number may be termed the *First-order Commentary Number*. The subcommentaries of a commentary are indicated by amplifying the corresponding First-order Commentary Number in a similar way. This amplifying number may be termed the *Second-order Commentary Number* and so on.

The Classic Device secures conformity to the Canon of Classics.

The problem that the Classic Device seeks to tackle is frequent in the case of classical works written in Sanskrit. A reference to the illustrative

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divisions by the Classic Device forming part of the Schedules L, O, P, Q and R of Part II will show how widespread this problem is. There are also some cases of occidental classics—such as Burke's works in Politics, some of the Classics of International Law, the Greek and the Latin Classics—which may more conveniently be grouped by the Classic Device.

One result of the application of the Classic Device is that the classic becomes a class by itself and hence its different editions come together, with the Book Number differentiating them. In the case of a classic, several editions are likely to appear even at distant dates. But for this device, they will get scattered and intermingled with other ordinary books in the same class. Such an intermingling is bound to be revolting to the mind of the readers. It is certainly not desirable that Aristotle's *Poetics* or Dandin's *Kavyadarsa* should be indiscriminately clubbed with the ordinary modern books on literary criticism. Nor will it be happy to interpolate Sankaracarya's works on Indian Philosophy with the modern text-books on Indian Philosophy.

It not infrequently happens, particularly in works in the Sanskrit language, that the classic gets many commentaries which themselves become classic and get many editions and many subcommentaries. All the Laws of Library Science will be best served if and only if the whole family of commentaries and subcommentaries are grouped together and placed next to the different editions of the classic itself. Usually the commentaries and the subcommentaries carry forward the theories contained in the classic. This carrying forward is done step by step in the hierarchy of commentaries and subcommentaries. Hence the happy grouping of a classic with its commentaries and subcommentaries brought about by the Classic Device, incidentally arranges the books in the proper evolutionary order. This adds greatly to the convenience of the readers—nay, it is even educative.

It may be stated here that the use of the digit  $x$  in the Classic Device is not in any way in conflict with the use of the same to indicate *collected works*. As a matter of fact the one use is but a natural and consistent extension of the other.

652 The Favoured Category Device or the Chronological Device is to be used to amplify the digit  $x$  to indicate either a specific classical work or a specific classical author.

653 The Favoured Category Number or the bare or amplified Chronological Number used to represent the author may be termed the AUTHOR NUMBER.

654 If there be only one work of a classical author, the Class Number constructed by Rule 652 will also stand naturally for the only specific work of his.

655 If there be more than one work of a classical author, a colon is to be put after the Author Number and a WORK NUMBER is to be added thereafter. The method of construct-



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ing the WORK NUMBER is the same as that given in Rule 74 of Chapter 7 of this Part.

656 Rules 652—655 are applicable to the construction of the Commentary Numbers also.

It may be stated here that commentary is to be differentiated from criticism. A commentary usually carries the theory of the classic forward and gives some substantial new theory or information; but a criticism does not do so. Again, criticism is to be differentiated from annotation. A criticism gives an estimate and an appreciation or depreciation of an author or his work, as the case may be. But an annotation does not do so. It merely takes the form of short notes elucidating obtruse or difficult points in a work.

### 66 The Subject Device

66 The Subject Device consists in using appropriate Class Numbers for the further subdivision of a class which is capable of such subdivision or when the individualisation of the subclasses may be made to depend conveniently on a Class Number that may be definitely associated with the respective subclasses in any manner or for any reason. The cases where this Device may be applied are generally indicated either in the Schedules of Classification in Part II or in the Rules of Classification in this Part.

The Subject Device secures automatic conformity to the Canons of Consistent Order, Helpful Order, Hospitality in Array, Hospitality in Chain and Mnemonics. This Device is employed at different stages in certain subjects. Many illustrative divisions by the Subject Device are given in the Schedules of Part II for ready reference. Special reference may be made here to the Schedule M, to the *Ethics* part of Schedule R and to the *Functions* part of Schedule W. In some cases, it will be found that the number used for the Subject Device has been modified slightly. But such modifications should not be freely indulged in by individual classifiers.

As the Subject Number used in the Subject Device will begin with a capital letter, and as the Chronological Number will also begin with a capital letter, there may appear to be *prima facie* ground to fear that an ambiguity may arise in the ordinal arrangement of the Class Numbers. But care has been taken to secure that the Chronological Device and the Subject Device do not both become applicable for the further subdivision of a given Class Number.

661 When the Subject Device is used for the further subdivision of a class belonging to any but the last train of characteristics appropriate to the Main Class in question, all the colons in the Class Number to be used for the Subject Device are to be replaced by Zeroes.

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662 The classes based on the trains of characteristics appropriate to each Main Class are enumerated in the schedules of Part II. Any of these schedules whose numbers begin with an Arabic numeral may be augmented by the Subject Device with the following provisos:

(1) the classes belonging to the Main Classes  $\Delta$  and O and the Main Classes more concrete (less abstract) than the Main Class that is being subdivided are not to be used in the construction of these extra classes by the Subject Device; and

(2) that the schedule is to be so augmented only if none of the later trains of characteristics prescribed for the Main Class that is being subdivided is applicable to the book under consideration.

*Examples:*

- (1) A:P31k is the Class Number for a dictionary of scientific terms in Tamil;
- (2) D646:C47 is the Class Number for Harry R. Ricardo's *Engines of high output: thermodynamical considerations*, C47 being the number for thermodynamics;
- (3) G1:C is the class number for George Chile's *Phenomena of life: a radio-electric interpretation* which deals with the physics of living organisms;
- (4) J:E is the class number for C. Harold Wright's *Agricultural analysis*;
- (5) J:1:I23 is the class number for Selman A. Waksman's *Principles of soil microbiology*, where J:1 stands for soil and I23 for bacteriology or microbiology;
- (6) L:Z is the class number for Thomas A. Gonzales's *Legal medicine*;
- (7)  $\Delta$ :E is the class number for Thomas Hywel Hughes's *Philosophic basis of mysticism*;
- (8) Y:X76r3 is the class number for the report of the British Treasury entitled *Public social services; total expenditure under certain acts of Parliament during the financial years, etc.*; and
- (9) Y:Z3 is the class number for John J. Clarke's *Social administration including the poor laws* which deals with the statutory and executive laws and regulations of Great Britain for the working of Social Services.

Rule 613 refers to the Octave Principle that is followed in constructing the schedules. Rule 661 may be said to augment the sche-

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dules to the *last octave*. The appropriateness of the term *last octave* may be shown as follows:

The numbers in the successive octaves will be:

Octave of first rank 1, 2, 3, ... 7, 8

Octave of the second rank 91, 92, 93, ... 97, 98.

Octave of third rank 991, 992, 993, ... 997, 998.

An octave of infinite rank 99...91, 99...92, 99...93, 99...97, 99...98.

In each of the numbers of the infinite rank the number of nines is infinite. The numbers in an octave of infinite rank each of whose numbers contains an infinity of digits cannot be practically applied.

But such an octave is by no means the last! Since A is ordinarily greater than 9 the set (octave)

A, B, C...Z,

though each of its numbers has only one digit, must succeed all the infinity of octaves whose numbers begin with 9. Since there is no number ordinarily greater than Z the A...Z set (octave) may be taken as the last.

It can also be seen that the set (octave)

9A, 9B, 9C...9Z

is the penultimate octave, the set

99A, 99B, 99C...99Z

is the last-but-two and so on.

This principle of augmenting any schedule by the Subject Device has been provisionally named the "Last Octave Principle". Discovery of it was made possible only by the critical exploration and reconstruction of the foundations of the theory of classification in the *Prolegomena to library classification*. It occurred only in June 1938 after the book had been published and so could not be mentioned in it.

This new principle has considerably increased the hospitality of the scheme and has led to a more complete and productive application of the Canon of Mnemonics. It has also another advantage. While theoretical provision for an infinity of octaves has been made, those whose numbers have a small number of digits and are of practical use appear at the two ends of this infinite scale and inapplicable octaves with numbers of a large or infinite number of digits lie in the middle. In other words, the notation has enabled us, so to speak, to bend the infinite scale and get hold of the two ends though the middle extends beyond reach to infinity. The immense potentiality of this awaits fuller exploitation.

Some specialisation also has been made in the use of the two ends. The octaves at the nearer end are used for divisions that are *Specific* to the Main Class under consideration and the last octaves, for divisions of a more *fundamental* and *general* nature.

Take for example the schedule of Operations as applied to the class 'J:1 Soil' in the Main Class 'J Agriculture'. Reference to chapter J

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of Part II will show that the divisions in the first octave *vis.* '1 Reclamation', '2 Levelling', '3 Bunding', '4 Ploughing', '5 Harrowing' and '6 Crushing' are operations *specific* to farming, that are of immediate interest to and fall within the direct sphere of the farmer. The second octave will consist of '91 Nomenclature' and so on.

But the last octave will be 'C Physics of the soil', 'E Chemistry of the soil', 'I21 Bacteriology of the soil', etc. These are obviously problems of a *fundamental* nature. The farmer's interest in them is only indirect; for he cannot as a rule deal with these problems himself: he must use the findings of specialists in the fundamental sciences concerned.

663 A similar principle which may be called the "Penultimate Octave Principle" is to be used to augment a schedule by the Subject Device when the numbers of the schedule begin with a capital letter, *i.e.*, are constructed *ab initio* by the Subject Device or the Chronological Device. This augmentation also is subject to the same provisos as those for the Last Octave Principle.

### Examples:

1. A. B. Keith's *Introduction to British constitutional law* is to be given the Class Number V3:29Z by the Penultimate Octave Principle; and not V3:2:Z by the Last Octave Principle, as the third train of characteristic in this Main Class 'V History' is the chronological one, the numbers of whose classes, therefore, begin with a capital letter. As a matter of fact V3:2:Z would mean the constitutional history of Great Britain brought up to 3000 A.D. and not British constitutional law.
2. A statistical study of an educational curriculum is to be given the Class Number T:44:9B28 by the Penultimate Octave Principle and not T:44:B28 by the Last Octave Principle, as the third train of characteristic to be used in the Main Class 'T History' when the problem is '44 Curriculum' is the Subject one, the numbers of whose classes, therefore, begin with a capital letter. As a matter of fact T:44:B28 will mean Curriculum in Statistics and not a statistical study of curriculum.

Perhaps the only regions where the Penultimate Octave Principle is applicable are those covered by the above two examples.

## 67 The Alphabetic Device

67 The Alphabetic Device consists in using the initial letter, or the initial letter amplified, of the name of the substance or any other appropriate entities, for the further subdivision of a class of substances or entities.

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671 If more than one substance or entity have the same initial letter, their initial letters may be amplified by the addition of the numbers 1, 2, 3, etc., respectively.

This device is to be used only in rare cases where no other method of subdivision is practicable. The Schedules in Part II and the Rules of this Part indicate the places where this Device has to be used. To give a few specific examples here, in dividing the Crop Numbers in the Subdivision *Agriculture*, the Alphabetic Device is recommended to be used after the Favoured Category Device is exhausted. There are likely to be many crops dealing with a given class. It is not practicable to indicate these crops in any other way.

So also when the number for the *Bacterial Diseases* of an organ exceeds 8 the only available course is to apply the Alphabetic Device to indicate the diseases that are not indicated by the Favoured Category Device.

### 68 The Bias Number Device

68 The Bias Number Device is employed for bringing together such of the books in a class as are written with a special bias to some other class or from a special point of view that can be associated with some other class, or for the use of special class of readers whose primary interest of study is in some other class, or as have some other special relation to some other class. The class to which the book belongs may be termed the 'Basic Class' and its number may be termed the 'Basic Number'. The other class may be termed the 'Bias Class' and its number may be termed the 'Bias Number.'

681 The Bias Number Device consists in amplifying the 'Basic Number' by the addition of the digit 0 followed by the appropriate 'Bias Number'.

682 Both the 'Basic Number' and the 'Bias Number' are to be worked out as fully as may be appropriate to the book.

A few examples may be given here to illustrate the use of this device. But the rules given in Chapters B and 7 have to be anticipated in giving these examples.

The general text-books of *Mathematics* will have the Class Number B. But it is likely that some of these books are written specially for the use of physicists, engineers, biologists, economists, etc. In the case of such books, the Class Number B may be amplified so as to read B0C, B0D, B0G, B0X, etc., respectively. If such books are not differentiated by the Bias Number Device, they will get intermingled with the ordinary text-books in Mathematics. When an engineer comes and asks for a mathematical text-book, the library cannot readily find out the books suited to him.

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Take another example. The general books on *Statistics* have the Class Number B28. But some of them are written for the use of engineers, some for the use of psychologists and so on. It will be convenient if such books can be differentiated by amplifying their Class Numbers so as to read B280D, B280S, etc.

Again, the critical books on, say, *Shakespeare*, will have the Class Number O:2J64:9. Some of these may deal with the astronomical knowledge in Shakespeare's works, some may deal with the madfolk of Shakespeare, some may deal with the prosody of Shakespeare, some may deal with his spelling, some may strive to study the words used by Shakespeare in a statistical manner. It would be certainly desirable to divide the critical works on *Shakespeare* so as to put all these types into different subgroups. This can be done by amplifying the Class Number O:2J64:9 by the Bias Number Device so as to read respectively as follows:—

O:2J64:90B9

O:2J64:90P:18:3

O:2J64:90Y163

O:2J64:90P::30B28

O:2J64:90P

It may be seen that, in the last example, the Bias Number Device has been used twice. Of course, in such cases, the Class Number is drawn out to an apparently inordinate length. *Such a thing will happen only in a few specialised monographs of a very intensive nature.* If the length of the Class Number in the case of such specialised monographs is to scare us away from the Bias Number Device, the result will be that such monographs will get promiscuously mixed up with a number of other books and monographs not so specialised. If so, either they will practically be lost to the readers or the readers will have to spend an unduly long time to spot them out. Either result is against the spirit of the Laws of Library Science.

This device is designed to satisfy the Canon of View Point.

683. The Auto-Bias Device is employed to lengthen the chain (to subdivide a class) which ends with a particular class in a schedule by further subdividing the class (not in the way in which it is subdivided in the schedule itself, *i.e.*, not on the basis of the characteristic used in the schedule for subdividing that particular class) on the basis of the characteristic used for the formation of other classes in the same schedule. The concepts 'Basic Class', 'Basic Number', 'Bias Class' and 'Bias Number' developed in rule 68 hold good for this purpose also.

6831 The Auto-Bias Device consists in amplifying the number by the addition of the digit '—', (dash) followed by the appropriate 'Bias Number'.

The genesis and the use of this device is explained in detail in pp. 114-116 of the *Prolegomena to library classification*. A few examples may, however, be given here:—

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(1) In the schedule of classes based on the train of organ characteristic in the Main Class 'L Medicine' we have the class '13 Lower extremities' divided into '131 Toes, 132 Feet, etc'. We have also the division '73 Nerves'. Now the class 'Nerves of the lower extremities' may be numbered 13-73.

(2) In the schedule of classes based on the train of problem characteristic in the main Class 'U Geography' we have the class '287 Climate' and '3 Biogeography'. Now the class for bioclimatics may be numbered 3-287.

(3) Again in the schedule of classes based on the train of 'Group characteristic' in the class 'Y1 Sociology' we have the classes '15 Women' and '53 Middle class'. The sub-class 15 is derived from the class using Age and Sex as the characteristic; on the other hand, the subclass 53 is derived from the class 5 using Birth or Status as the characteristic. Now the class 'Middle class women' may be numbered 15-53.

The use of the Auto-Bias Device leads to a fuller satisfaction of the Canons of Hospitality in Chain and Mnemonics.

69. Before concluding this chapter and entering into the special rules belonging to the different Main Classes, it may be well to recollect that four methods are available for subdividing any class, *i.e.*, for increasing the intension:

- (1) Using the subdivisions given in the concerned schedule;
- (2) Applying the Principle of Last Octave explained in rule 66;
- (3) Using a Common Subdivision as provided in chapter 2; and
- (4) Using the Bias Number Device explained in rule 68 and its subdivisions.

Occasions may arise, particularly in the experience of beginners, when there may be an apparent ambiguity or conflict of choice between these four methods. Perhaps it may be well to state here a 'remembrancer' that had been developed in teaching the subject to the students of the School of Library Science:—

I am used to call

the divisions occurring in the schedules of Part II 'current income';

the divisions obtained by the Principle of Last Octave 'bank balance';

the common subdivisions 'ancestral property'; and

the division obtained by the Bias Number Device 'borrowed capital'.

The instruction to the beginners is usually put as follows:

'You should not draw from the bank balance until your current income is spent out. Nor is it proper that you should draw from ancestral property until the bank balance of your self-earned income is

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exhausted. Lastly you should never think of borrowing until you satisfy yourselves that the needs really go beyond the capacity of current income, bank balance and ancestral property''.

The conflict between the Bias Number Device and the Principle of Last Octave may appear to be more irresolvable. The following examples will indicate how it should be resolved:

(1) A text book of economics which expounds the different parts of the subject in a way that is best suited to the students of statistics is to be given the Class Number X0B28. But a book in which economic problems are studied by the application of statistical methods is to be given the Class Number X:B28.

(2) Similarly a general book on medicine which describes the human body in a way that is most suited to the students of chemistry (bio chemistry) is to be given the Class Number L0E. But a book that expounds the chemical actions that take place in the human body (physiological chemistry) is to be given the Class Number L:E.

(3) Lastly let us take the case of an agricultural engineer. It is necessary for him to have some knowledge of agriculture though not with equal emphasis on every aspect of it. A book which expounds agriculture generally with special emphasis on such branches as the agricultural engineer should specially note is to be given the class number J0D. But a book is to be given the Class Number J:D if it deals with the engineering problems that arise in an agricultural farm, *e.g.*, putting up farmers' huts, estimating the capacity of barns or erecting the same, mending of agricultural tools and perhaps even making simple tools, surveying and levelling of fields, estimating and calculating quantities for earthwork, working and repairing a mechanical water lift or an electrically driven pump and so on.



## 7 LITERATURE

The subjects *Literature* and *History* have been taken out of their places and the rules for classifying them are given first, as these subjects are likely to be of interest to a much larger number of people than the other subjects. It is proposed to give the rules for their classification in a very detailed manner so as to bring out most of the underlying principles. The rules for the classification of the other subjects are not given in such a detailed manner. Many things are left to be supplied by the classifier on the analogy of the Rules for *Literature* and *History*.

70 Four trains of characteristics are to be used for the subdivision of 'Literature,' viz., Language or 'L', Form or 'F', Author or 'A' and Work or 'W'.

Apart from the Last Octave Divisions, the Common Subdivisions and the Bias Divisions that may be applied to 'Literature' or to the subclasses of 'Literature,' the special subdivisions of 'Literature' are to be based on the four trains of characteristics mentioned in the rule. The connotation of the terms used in the schedules will become clear in the succeeding rules.

701 The four trains of characteristics, forming the basis of classification of 'Literature,' are to be taken in the order 'L', 'F', 'A', 'W'.

A simple calculation will show that there are twenty-four ways of taking the four trains of characteristics in order. The problem is to decide which of these twenty-four possible orders will be the most convenient for those who use the books. It is only the experience of libraries that can give the necessary information about it.

The order suggested by the rule has been found to be quite convenient. The result of this order may be put as follows:—

We shall imagine all the 'Literature' books divided according to their languages and we shall imagine a separate building for the literature of each Language. A reader, interested, say, in English literature will have to go into the 'English' building, so to speak. On entering the building he will find that all Poetry is put in one room, that all Drama is put in another room, all Fiction put in a third room, and so on. Let us assume that the reader is interested in Drama and that he enters the 'Drama' room. There we may imagine that he will find several cupboards each devoted to a Dramatist. If the cupboard, pertaining to any Dramatist, is opened, he will find that each shelf is

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devoted to one work of the Dramatist. In that shelf all the editions of that work and all the criticisms of that work will be found arranged in a convenient order. Roughly speaking this is the result of taking the four trains of characteristics in the order given by the rule. One can easily construct a similar picture for the other possible orders of the trains of characteristics and satisfy oneself about the fitness of the particular order prescribed by the rule.

### 71 Language Number

710 The digit or digits of the language, to the literature of which the book belongs, or about the literature of which the book treats are to be placed immediately after the digit 'O'. This group of digits may be termed the 'Language Number.'

For example, Kalidasa's *Sakuntala*, which belongs to Sanskrit literature, is to be given the language number appropriate to Sanskrit, S.M. Natesa Sastri's *A review of Sakuntala*, though it is in English, is to be given the language number appropriate to Sanskrit and not English, because it treats about *Sakuntala* which belongs to Sanskrit literature. This may be stated in the form of an inequality, viz.,

Language of Work (is not equal to)  
≠ Language of Book

This may be called Language Inequality for convenience of citation.

7101 The Language Number is to be taken from the Language Classes given in Schedule 4 of Part II.

7102 In the case of the literature in the Favoured Language, the Language Number may be taken as understood and need not be actually written.

This rule is intended to economise in notation.

711 If a book contains or treats about the literatures of more than one language, no Language Number is to be put.

712 In the case of books treating about the mutual relations of the literatures in more than one language, the Most Popular Language is to be used to construct the Language Number.

### 72 Form Number

72 A colon is to be put after the Language Number or after 'O' according as the language used to construct the Language Number is not or is the Favoured Language.

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72a If a book does not admit of classification on the basis of the language characteristic, colon need not be placed after O.

72b In the Main Class 'Literature', a Class Number without a colon in it has precedence over all Class Numbers with a colon in them.

720 The digit of the Form of literature which the book contains or about which the book treats is to be put immediately after the colon mentioned in Rule 72. This may be termed the Form Number.

7201 The symbols and the corresponding Form Classes are given in Schedule O of Part II.

The terms used in the Schedule of Form Classes are by no means definite. Nor can we say that the term 'Literature' itself is quite definite. Overlooking for the time being, the general meaning of the word 'Literature', viz., the body of writings produced in a particular country or period or in a particular subject, the restricted meaning that the big Oxford Dictionary gives is as follows:—"Writing which has claim to consideration on the ground of beauty of form or emotional effect". Taking the term 'Poetry' the definition which the Oxford Dictionary gives is as follows:—"Composition in verse or metrical language, or in some equivalent patterned arrangement of language; usually also with choice of elevated words and figurative uses, and option of a syntactical order, differing more or less from those of ordinary speech or prose-writing". The Dictionary adds under this a note to the following effect:—"In this sense, poetry in its simplest or lowest form has been identified with versification or verse. This raises the question whether we should classify under 'Poetry' every thing in verse. We find that even scientific treatises of medieval India such as treatises in Mathematics, Natural Science and so on, are in Sanskrit verse. Certainly such books are not to be classified as 'Poetry'.

Evidently to exclude such versifications whose primary interest is the exposition of technical matter, the Dictionary adds another meaning to 'Poetry' in the following words:—"With special reference to its functions: The expression or embodiment of beautiful or elevated thought, imagination or feeling, in language adapted to stir the imagination and emotions, both immediately and also through the harmonic suggestions latent in or implied by the words and connections of words actually used, such language containing a rhythmical element and having usually a metrical form". As if to render such a definition still more indefinite, the Dictionary adds, "The term, is sometimes extended to include expression in non-metrical language having similar harmonic and emotional qualities (Prose-Poetry)".

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The definition of the term 'Drama' is equally difficult. As for the term 'Fiction' the Oxford Dictionary defines it as, "The species of literature which is concerned with the narration of imaginary events and the portraiture of imaginary characters . . . now usually prose novels and stories collectively".

From these authoritative definitions, it can be seen that, in the case of many border-line books, it will be difficult, even for experts in the field, to assert whether they should be put in the class 'Literature' and if so in what Form Division of literature. In such border-line cases the classifier is to be guided by the consensus of public opinion among students of literature. But in the majority of cases the appropriate Form Division can be decided without much difficulty.

With regard to the Form Class 'Letters' special attention should be paid to the notes attached to that class. The private correspondence of authors is not to be put under this Form Class but should really go with the biography of the author. It is only works like 'Chesterfield's *Letters to his son*' that should come under the Form Class '4'.

The Class Division '6' is not to include literary criticism. It must include only prose as a species of literature, as opposed to poetry, fiction and drama. A book which contains the biography or a criticism of, say, a poet will be given the Form Number for poetry, as it treats about poetry. Similarly a book which contains the biography or criticism of a dramatist will be given the Form Number for Drama as it treats about drama and so on.

Here also we must remember what may be called Form Inequality, viz.

Form of Work (is not equal to)  
≠ Form of Book.

This idea is to be used in the same way as the Language Inequality explained in the commentary on Rule 710.

721 If a book contains or treats about more than one Form Class with equal emphasis, no Form Number is to be put.

This rule is applicable to history, criticism, etc., of literature in general. It may also be applicable to books which contain selections from all forms of literature. A book that does not admit of division on the basis of 'F' characteristic cannot be divided on the basis of 'A' characteristic or 'W' characteristic.

### 73 Author Number

73. A colon need not be put after the Form Number.

Since, by the Rules 720 and 7201, the Form Number will always consist of a single Arabic numeral only, no ambiguity is likely to arise by not inserting the colon.

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730 The number of the author of the literary piece or work which the book contains or about which the book treats or of the literary author about whom the book treats is to be placed immediately after the Form Number. This group of digits may be termed the Author Number.

If the book is a biography or a criticism of, say, a poet, it is the poet who will determine the Author Number and not the author of the biography or criticism. For example, in the case of 'G. K. Chesterton's *Innocence of Father Brown*' Chesterton will determine the Author Number but in the case of the book 'G. K. Chesterton's *Charles Dickens*' it is Dickens and not Chesterton that will determine the Author Number. In other words, we must recognise what may be termed Author Inequality, *viz.*,

Author of Work (is not equal to)  
≠ Author of Book

7301 The Author Number is to be constructed by the Chronological Device, the Chronological Number being worked out to three digits and the year of birth of the author being used as the epoch.

The arrangement of the authors, belonging to a particular Form Class, may be made either alphabetically by the name of the author or chronologically; in other words, the name of the author and the date of the author are two alternative characteristics which can be used for classifying the books in any given Form Class. But it can be easily seen that the name of the author is, in a sense, an accidental characteristic. On the other hand, the needs of students of literature will be better met if the chronological order of the authors is made the basis of classification.

Assuming that the authors should be classified on a chronological basis, there are three main epochs which can be made the characteristics of classification:—

1. The date of birth of the author;
2. The date on which his first literary work was published—the date of his literary birth, so to speak; and
3. The date of death of the author.

Of these, the last is not a practicable one, since the date of death of contemporary authors is an unknowable entity. While the date of literary birth will be the most suitable, this characteristic is not definite. It cannot be easily ascertained and there is likely to be difference of opinion about it. They do not satisfy the Canon of Ascertainability. Hence, the rule uses the date of birth of the author to construct the Author Number.

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The following books will be of use in finding the dates of authors:—

Language	Name of the book
English	<div style="display: flex; align-items: center;"> <div style="font-size: 4em; margin-right: 10px;">{</div> <div style="margin-left: 10px;"> <p>(1) The Index Volume of the <i>Cambridge history of English literature.</i></p> <p>(2) The Index Volume of the <i>Dictionary of national biography.</i></p> <p>(3) <i>Who's who.</i></p> <p>(4) <i>Who's who in literature.</i></p> </div> </div>
Sanskrit	.. KEITH (A. B.). <i>A history of Sanskrit literature.</i>
Tamil	.. POORNALINGAM PILLAI (M. S.). <i>A primer of Tamil literature.</i>
Telugu	.. VEERESALINGAM PANTHULU (K.). <i>Complete works</i> , V. 10, Pt. 1, <i>Lives of Telugu poets.</i>
Kanarēse	.. NARASIMHACHARYA (R.). <i>Karnataka kavivarite.</i>
Persian	.. BROWNE (E. G.). <i>Literary history of Persia.</i>
Urdu	.. RAM BABU SAKSENA, <i>History of Urdu literature.</i>

Similar sources can be found for authors in other languages.

In Medieval Sanskrit Literature and similar cases, the exact year of birth of the author may not be found. In such cases it would be sufficient if care is taken that the relative order of the authors is properly secured. The Author Number is to be worked out to some arbitrary year so as to be in consonance with the relative order. Similarly, if the year of birth cannot be definitely ascertained in other cases, the most probable year is to be used. In the case of living authors, it can be ascertained by addressing them personally, if not ascertainable otherwise.

In the case of certain Ancient Sanskrit and Tamil works, there appears to be no means whatever of conclusively fixing even their centuries (or millennia!). Hence, a special illustrative schedule of some of these classics is given in Schedule O of Part II, where the numbers are worked out by a modified form of Chronological Device.

An author is likely to belong to more than one Form Division. In such cases, it will be an advantage if care is taken to see that he gets the same Author Number in each Form Division.

731 If a book belonging to a specific Form treats about more than one Author or contains or treats about a work or works of more than one Author, no Author Number is to be put.

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This rule is applicable to history, criticism, etc., of the specific Form, in general. It may also be applicable to books which contain selections from several Authors. A book that does not admit of classification on the basis of 'A' Characteristic will not admit of classification on the basis of 'W' Characteristic.

### 74 Work Number

74 A colon is to be put after the Author Number.

740 The digit or digits of the work contained or treated about in the book is to be placed immediately after the colon succeeding the Author Number. This group of digits may be termed the 'Work Number'.

Here also we should remember what may be termed Work Inequality, *viz.*

Work (is not equal to)  $\neq$  Book

This idea is to be used in the same way as the Author Inequality explained in the commentary on Rule 730.

7401 The Work Number is to be constructed as follows:

(a) If the number of works of the author does not exceed eight, the works are to be arranged in chronological order or, if it is impossible, in any arbitrary order, and the numbers 1, 2, 3, . . . 8, respectively are to be assigned to the works.

(b) If the number of works of an author is greater than eight but does not exceed sixty-four, the works are to be arranged in chronological order or if it is impossible, in some arbitrary order and they are to be divided successively into groups of eight each, and the numbers 1, 2, 3, . . . 8, respectively are to be assigned to the groups. Such a number may be termed the Group Number. Then to get the actual Work Number of the works in any group, numbers 1, 2, 3, . . . 8 respectively are to be put after the Group Number; thus, each Work Number will consist of two digits, the first digit indicating the group into which the book falls and the second indicating the work in the group.

(c) If the number of works is greater than sixty-four but does not exceed 512, the same device may be extended. That is, the Work Number will consist of three digits the first digit showing the major group of 64 works into which the work falls, the second digit showing the subgroup of the major

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group into which the book falls, and the third digit indicating the work in the subgroup.

*e.g.*, In the case of an author whose number of works does not exceed eight, the Work Number of the 6th will be '6', that of the 7th will be '7' and so on.

In the case of an author, the number of whose works is greater than eight but does not exceed 64, the 6th work will have the number '16', 7th will have '17', the 15th will have '27', the 16th will have '28', 54th will have the number '76', the 63rd will have the number '87' and so on.

741 If a book contains or treats about more than one work of an Author, no Work Number is to be put.

This rule is applicable to the criticism, bibliography, title index, line index, concordance, etc., of the Author or his works. It may also be applicable to the Author's collected works and to selections from his works.

A translation of a work will get the Class Number of the work itself. The fact that it is a translation and the language into which it is translated will be indicated automatically by the Language Part of its Book Number.

### 78 Special Notes on Common Subdivisions

78 In addition to and in slight modification of the Common Subdivisions given in Schedule 2 of Part II and explained in Chapter 2 of this Part, the following special Common Subdivisions also may be used for subdividing the classes in Literature.

*c* Index of titles of works.

*e* Index of first lines.

78a If a Common Subdivision Number, other than a bare or amplified ':9' is applied directly after the Language Number, the Language Number and the Common Subdivision Number are to be separated by a colon.

The object of this Rule will become clear if it is read with Rule 72b. However, the exclusion of the Common Subdivision Number ':9' from the operation of this Rule needs a word of explanation. If it is not excluded two colons will separate the digit '9' and the language Number. Hence its exclusion is merely to avoid the occurrence of two consecutive colons. A result of this is that books that deal with the general criticism of the literature in a language will come after all other subclasses of the literature of that language. This is not a very natural position for such books. On the other hand, the retention of the two colons, that is bringing the Common Subdivision Number ':9' also within



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the purview of this Rule, would bring such books on general criticism before the Form Classes begin. This is, no doubt, a more appropriate place for such books. Thus the choice is between tolerating two consecutive colons and taking the general criticism books outside their natural position. A library may choose one of these alternatives and stick to it.

78x In the case of a selection from a particular point of view, *x* is to be amplified by the Bias Number Device and not by the Chronological Device.

78:90 '.9' may be termed the Criticism Number.

78:901 When the Criticism Number is applied to a Class Number which has not admitted of division on the basis of the Language characteristic, the colon digit in the Criticism Number is to be omitted.

The object of this Rule will become clear if it is read with Rule 72b.

78:91 If the Criticism Number is applied to a Class Number which does not include the Author Number and if the book gives critical studies of individual authors as its main purpose, it is to be amplified by the Chronological Device, the Chronological Number being worked out to two digits and the decade of birth of the youngest of the authors, a study of whom is included in the book, being used as the epoch.

78:911 If the main purpose of the book is not that of giving critical studies of individual authors but that of giving an exposition of the principles of criticism, the Criticism Number is not to be amplified by the Chronological Device.

The Criticism Number may, if necessary, be amplified by any appropriate Common Subdivision Number. Notwithstanding anything to the contrary contained in the Rules of Chapter 2, a further amplification of an amplifying Common Subdivision digit by the Chronological Device is to be made, wherever necessary, even if the Author Number occurs before the Criticism Number.

This provides for the classification of subjects like Bibliographies of Literary Criticism, Periodicals on Literary Criticism, History of Literary Criticism, Biographies of Literary Critics, Collected Works of Literary Critics and so on.

If we have a book, say, on the life of a Shakespearean critic, the critic being primarily associated with Shakespearean Criticism and not with any other subject and assuming that his date of birth is 1857, according to this Rule, it would get the Class Number 0:2J64:9wM57. According to Rule 2w however, the Chronological Number M57 is not

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to be applied as a Chronological Number *vis.*, J64 has already occurred in the Class Number. But it can easily be seen that such a course will not differentiate the biographies of all Shakespearean critics. The second part of this Rule is intended to obviate that difficulty.

78:93 In the case of a biography of an author, who is assignable to more than one form of Literature, the Form Number part of the Class Number is to be that one with which the author is most associated.

Though Shakespeare and Kalidasa are both dramatists as well as poets they are more associated with Drama. Hence their biographies are to be placed in the Form Division *Drama*. Although Thomas Hardy and Walter Scott are both novelists as well as poets, their biographies are to be placed in the Form Division *Fiction*. Similarly, although G. K. Chesterton is a prose writer, a novelist as well as a poet, his biography is to be placed in the Form Division *Other Forms of Prose*.

The general criticism of an author who is assignable to more than one Form Division is also to be treated in a similar way whenever found necessary.

78:94 In the case of criticism from a particular point of view, ':9' is to be amplified by the Bias Number Device and not by the Chronological Device.

### 79 The Devices

795 The Classic Device may, if necessary, be applied to any Class Number ending with Criticism Number.

This Rule is particularly applicable in the case of Sanskrit Literary Criticism. An illustrative Classic Device list is given in Schedule O of Part II.

798 *See also* Rules 78x and 78:94.

### Conclusion

Before concluding this chapter, it may be advantageous to say a few words explaining the practical way in which the number of the ultimate class of a book is to be constructed by the classifier. It has been seen that the Class Number is likely to be of a number of parts, each part consisting of one or more digits. To build up the number part by part or digit by digit, as the case may be, it may be convenient if the classifier puts to himself, at each stage, a set of questions and selects the next digit in the light of the answer to such questions.

It is proposed to give here a picture of the way in which the classifier is to put to himself appropriate questions at different stages and proceed further in the light of the answers received:—

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1 Does the book give or treat about the literature,

1. in more than one family of languages; or,
2. in a specific language; if so, which language?

11 If the book gives or treats about the literature in more than one language, does it give or treat about

1. more than one form of literature; or,
2. a specific form of literature; if so, which form?

111 If it gives or treats about more than one form of literature, into what Common Subdivision does it fall? In other words, by what Common Subdivision Digit is the digit '0' to be amplified and does the Common Subdivision Digit need further amplification, and if so, in what manner?

111:9 If the amplifying Common Subdivision Number is ':9' does it admit of further amplification by a Common Subdivision Digit, or by the Chronological Device, or by the Classic Device, or by the Bias Number Device?

111:991 In case the Number ':9' admits of amplification by the Classic Device by what Favoured Category Digit or Author Number is it to be amplified.

111:9911 If it is to be amplified by the Favoured Category Digit, is that digit to be amplified by the First Order Commentary Number, and if so, is that number to be obtained by the Favoured Category Device or by the Chronological Device and what should be the Amplifying Number. And so on with the Second Order Commentary Number, etc.

111:9912 If it is to be amplified by the Author Number, is the Author Number to be amplified by a Work Number, and if so, what is the Work Number?

111:99121 Is the Work Number to be amplified by the First Order Commentary Number, and if so, is that number to be obtained by the Favoured Category Device or by the Chronological Device and what should be the amplifying Number? And so on with the Second Order Commentary Number, etc.

111:992 Does the Class Number arrived at so far admit of amplification by the Bias Number Device? If so what is the Bias Number to be applied? And so on.

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112 If the book gives or treats about a specific form of literature the appropriate Form Number is to be put after 'O'. Now, into what Common Subdivision does the book fall? In other words, by what Common Subdivision Digit is the number made up of the digit 'O' and the Form Digit to be amplified and does the Common Subdivision Digit need further amplification, and if so, in what manner?

The question 111 : 9 and all its subquestions are to be repeated here also.

12 If the book gives or treats about the literature of a specific family of languages, the appropriate Language Number followed by a colon is to be put after the digit O. Then, questions similar to 11 to 112 are to be put and answered.

13 If the book gives or treats about the literature of a specific language, the appropriate Language Number followed by a colon is to be put after the digit 'O'.

Now, does it give or treat about

1. more than one form of literature; or,
2. a specific form of literature; if so, which form?

131 If the book gives or treats about more than one form of literature, questions similar to 111 to 111:992 are to be put and answered.

132 If the book gives or treats about the literature of a specific form of literature, the appropriate Form Number is to be put after the Number made up of the parts 'O', the language Number and the colon.

Now, does the book give a work or works of or treat about

1. more than one author; or,
2. a specific author; if so, whom?

1321 If it gives a work or works of or treats about more than one author, questions similar to 111 to 111:992 are to be put and answered.

1322 If the book gives a work or works of or treats about a specific author, the Author Number is to be put after the Form Number

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Now, does the book give or treat about

1. more than one work of the author; or,
2. a specific work of the author; if so which?

13221 If the book gives or treats about more than one work of the author, questions similar to 111 to 111:992 are to be put and answered.

13222 If the book gives or treats about a specific work of the author, a colon is to be put after the Author Number and the Work Number is to be put after the colon. Then questions similar to 111 to 111:992 are to be put and answered.

133 The general hints given in chapter 9 of the *Prolegomena to library classification* may be of help in this connection.

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80 Three trains of characteristics are to be used for the subdivision of History, *viz.*, Geographical Division or 'G', Problem or 'P', and Chronological Division or 'C'.

Apart from the Penultimate Octave Divisions and the Common Subdivisions and the Bias Number Divisions that may be applied to any subclass of history the natural special sub-divisions of history will have to be based on the three characteristics mentioned in this rule.

801 The three trains of characteristics, forming the basis of classification of History, are to be taken in the order 'G', 'P', 'C'.

A simple calculation will show that there are six ways of taking the three characteristics in order. The problem is to decide which of these six possible orders will be most convenient for those who use the books. It is only the experience of libraries that can give the necessary information about it.

The order suggested by the rule has been found to be quite convenient. The result of the order may be put as follows:—We shall imagine all the history books divided according to the country of which they treat and we shall imagine a separate building for the history of each country. A reader, interested, say, in Indian History, will have to go to the 'India Building', so to speak. On entering the building he will find that all the books on the political history of India are put in one room, all the books on the constitutional history of India are put in another room, all the books on the economic history of India are put in another room and so on. Let us assume that the reader is interested in the constitutional history and that he enters the 'constitution' room. There he will find several cupboards, each devoted to a particular epoch. Roughly speaking, this is the result of taking the characteristics in the order given by the rule. One can easily construct a similar picture for other possible orders of characteristics and satisfy oneself about the appropriateness of the particular order prescribed by the rule.

### 81 Geographical Number

810 The digit or digits of the geographical division, of the history of which the book treats, is to be placed immediately after the digit 'V'. This group of digits may be termed the 'Geographical Number'.

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8101 The numbers appropriate to the different geographical divisions are to be taken from the Geographical Table given in Schedule 3 of Part II.

It may be explicitly stated here that a book dealing with the history of the World is to be given the Geographical Number '1'. The only case in which the Geographical Number is to be omitted is that given in Rule 811.

811 If the book deals with the science of History or of the science of any Problem subdivision of history but does not give the history either of the world as a whole, or of any geographical division, no Geographical Number is to be put.

There are books which give an account of the methodology or the content or the history, etc. of History as an art or science. Again there may be biographies of historians. Evidently such books may not be assignable to any geographical division.

### 82 Problem Number

82 A colon is to be put after the Geographical Number.

82a If the book does not admit of classification on the basis of the train of geographical characteristics the colon is to be put immediately after 'V'.

820 The digit or digits corresponding to the Problem dealt with in the book is to be placed immediately after the colon succeeding the Geographical Number or the digit 'V' as the case may be. This group of digits may be termed the 'Problem Number'.

8201 The symbols and the appropriate Problem Classes are given in Schedule V of Part II.

The denotation of the term 'Political' as used in the Problem Classes is not quite definite. Perhaps, it is more convenient to define it in a negative way saying that it is not exclusively Constitutional or Economic, etc. Further, taking advantage of this vagueness in the meaning of that term and since the text-books in History may deal with more Problem Classes than one, we have made the first division Political and General.

822 The line of demarcation between the Problem Class '2 Constitutional' and the Main Class 'W Political Science' is not an easy one. A book, whose primary interest is tracing the history of or giving a descriptive account of the constitution of a country or of any of its specific constitutional aspects forming the subdivisions of the 'Problem Class 2' and which if at all, is led to the enunciation of certain general constitutional principles only in a subsidiary way or as a by-product of the narration of history, is to be put in the Main Class 'V History'

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and given the Problem Number 2, or any of its subdivisions. On the other hand, a book, whose primary interest is that of studying or giving an exposition of constitutional principles as such and in which the constitutions or the constitutional aspects of particular countries come in only incidentally for illustrative purposes, is to be put in the Main Class 'W Political Science'. In particular, all books dealing with the theory of elections and election methods are to be invariably put in the Main Class 'W Political Science'.

826 Further, the 'Problem Class 26' is to be used only in the case of books that deal with the general constitutional aspects and the relation of the State to Local Bodies as a class. But if a book deals with a specific Local Body, its Geographical Number is to be worked out to the necessary number of digits to represent the geographical area of the Local Body and the appropriate Problem Class is to be used to construct its Problem Number.

823 The line of demarcation between the Problem Class '3 Economic' and the Main Class 'X Economics' is quite difficult to draw. The following convention is suggested:—A book that traces the march of the economic conditions, in general, of a country is to be put in the Main Class 'V History' and given the Problem Number '3 Economic'. But a book that describes the history or gives a descriptive account of any of the particular aspects of Economic Science indicated in the subdivisions of the Main Class 'X Economics,' is to be put in the Main Class 'X Economics.' For example, books that deal with the labour conditions of a country, the currency of a country, the taxation of a country, the banks of a country, any specific industry of a country, etc. are to be put in the Subject Division 'X Economics'. It need hardly be said that books whose primary interest is the exposition of the principles of the Science of Economics or of any specific aspect of that Science are to be put in the Main Class 'X Economics'.

824 Whereas books dealing with the art of War are to be put in the appropriate subdivision in the Main Class 'M Useful Arts', a book tracing the history of military, naval or aerial operations of a country is to be put in the Main Class 'V History' and given the Problem Number '4 Military, etc. History.'

825 The line of demarcation between the Problem Class '5 Cultural History' and the Class 'Y1 Sociology' is as difficult to draw as in the case of '2 Constitutional History' and '3 Economic History'. The convention to be adopted is to be similar to the one mentioned in Rule 823 and not that in Rule 822.

### 83 Chronological Number

83 A colon is to be put after the Problem Number.

830 The digit or digits corresponding to the period covered by the book are to be placed immediately after the colon succeeding the Problem Number. This group of digits may be termed the 'Chronological Number'.



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8301 The epoch used for the construction of the Chronological Number is to be the latest point of time covered by the book.

8302 The Chronological Number is to be worked out to three digits if the history is brought up to a definite outstanding well-known epoch. If, on the other hand, there is no outstanding epoch up to which the history is traced, it is to be worked out to the two digits corresponding to the latest decade touched by the book.

### 88 Special Notes on common Subdivisions

88 Notwithstanding anything to the contrary contained in Rule 23 of Chapter 2 of this Part, in the case of books falling in the Main Class 'V History', the bare or amplified Common Subdivision Number is to be applied immediately after the Problem Number and the classification on the basis of the 'C' characteristics may be omitted.

It may be recollected that most of the rules in Chapter 2 of this Part provide for the amplification of the Common Subdivision Digit by the Chronological Device. This rule seeks to take advantage of that fact.

88*l* In the case of the Main Class 'V History,' the Common Subdivision Digit *l* is to be used not only to represent learned societies and institutions but also organisations like the *League of Nations* and the *Institute of Pacific Relations* which are associations of Nations or States. In such cases the digit *l* is to be applied immediately after the Geographical Number and amplified in accordance with the rules for amplification.

88*q*19 A treaty with another State is to be given the Problem Number '19 Foreign Policy' and amplified by the digit *q* which itself is to be amplified by the Geographical Device and then by the Chronological Device, the Geographical Number and the Chronological Number being separated by a colon. The Country or the State which forms the other party to the Treaty is to be used to construct the Geographical Number. If there be more than one such country, the first of the countries is to be used. If the book gives a single treaty with the State, the Chronological Number is to be worked out to three digits, the year of the Treaty being used as the epoch. If the book gives more than one Treaty with the State used

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to construct the Geographical Number, the Chronological Number is to be worked out to two digits only, the decade of the latest of such treaties being used as the epoch.

88q2 A Constitutional Act is to be given the Problem Number '2 Constitutional' and amplified by the digit *q* which itself is to be amplified by the Chronological Device. If a book gives a single Constitutional Act, the Chronological Number is to be worked out to three digits, the year of the Act being used as the epoch. If a book gives more than one Constitutional Act the Chronological Number is to be worked out to two digits, the decade of the latest of the Acts being used as the epoch.

88r The Administration Report of a State or Local Body is to be given the Problem Number '1 Political and general' amplified by the digit *r*.

88s The Class Numbers of books giving only tables of Kings, Ministers, etc. are to be amplified by the digit *s* which itself is to be amplified in accordance with Rule 2s.

88w Biographies of persons of the diplomatic services of a State are to be given the Problem Number '19 Foreign Policy' and amplified by the digit *w* which itself is to be amplified in accordance with Rule 2w.

Although indicated already in the commentary to Rule 2w it may be repeated here that the biography of a King, a President, a Viceroy, a Governor, a Minister, a Legislator, a Leader of a Political Party, a Person who has been known as one who has fought for Political Rights, and a Person whose name is best associated with the functioning of Local Bodies, etc. is to be placed in the appropriate subdivision of the Problem division '2 Constitutional'.

### 89 The Devices

89 Notwithstanding anything to the contrary contained in Rule 682 of Chapter 6 of this Part, in the case of books falling in the Main Class 'V History', the Bias Number is to be applied before the 'C' characteristic is used.

8919 In the case of a book dealing with the Foreign Policy of a State in regard to some other specific State, the Problem Number '19' is to be amplified by the Bias Number Device using the Geographical Number of the other State as the Bias Number. A colon is to be put after the number

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thus got and the appropriate Chronological Number is to be added thereafter.

89190 In the case of a book dealing with the Foreign Policy of a State in relation to some other State and in regard to a Specific Subject, the Bias Number Device is to be applied once again after the Geographical Bias Number using the Class Number of the specific subject as the Bias Number.

8919*q* In the case of a treaty on a specific subject such as 'Extradition', 'Trade facilities', 'Cessation of hostilities', 'Postal matters' and so on, the Problem Number '19' is to be amplified by the Bias Number Device using the Number of the subject matter of the treaty as the Bias Number. The digit *q* is to be put after the Bias Number and amplified as in Rule 88*q*19 and its subdivisions.

## 9 GENERALIA

9 The main classes of Generalia and their subdivisions are given in Schedule 9 of Part II.

The rules for the subdivision of 'Literature' and 'History' were begun with the enumeration of certain characteristics to be used as the basis of their classification. It will be noticed later that the same method is adopted in the case of most of the other subjects. But such a course is not available in the case of 'Generalia'.

Further it might be noticed from Schedule 1 of Part II that no symbol is given to represent the Main Class 'Generalia'. In fact, the term Generalia is merely introduced, for convenience of reference, as the generic name for the totality of divisions indicated in Schedule 9 of Part II. The succeeding rules of this Chapter deal with the subdivisions of the several main classes of Generalia.

### 91 Bibliography

910 Two trains of characteristics are to be used for the subdivision of Bibliography, *viz.* Material or 'M' and Bibliography or 'B'.

The connotation of these terms will become clear in the succeeding rules.

9101 The two trains of characteristics forming the basis of classification of Bibliography are to be taken in the order 'M', 'B'.

The term bibliography is far from being definite in its use. We are here using it in the sense indicated by the divisions based on the train of 'B' characteristic mentioned in Rule 910.

It may be added here that a bibliography of the writings on a particular theme will be indicated by amplifying the Class Number of the theme by the Common Subdivision digit *a*, itself being amplified in accordance with Rule 2*a*. The bibliography of an author, not represented by an Author Number in Literature, is to be indicated by amplifying the number representing his Collected Works by the Common Subdivision digit *a*, itself being amplified in accordance with Rule 2*a*. It is only general bibliographies, which cannot be assigned to any other single Class or Author, that are to be placed in this class.

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### 911 Material Number

9110 The digit or digits of the material, a bibliographical list of which is given in the book, is to be placed immediately after the digit '1'. This group of digits may be termed 'Material Number'.

91101 The symbols and the corresponding 'Material Classes' are given in Schedule 9 of Part II.

9111 In the case of a book giving a bibliographical list of more than one kind of material, the Material Number is not to be put.

### 912 Bibliography Number

912 A colon is to be put after the Material Number or after '1' according as the Material Number is or is not used.

9120 The digit, indicating the nature of the bibliography which the book contains, is to be put immediately after the colon mentioned in Rule 912. This digit may be termed the 'Bibliography Number.'

91201 The symbols and the corresponding 'Bibliographical Classes' are given in Schedule 9 of Part II.

Among the first three classes on the basis of the 'B' characteristic, if there is any ambiguity as to which of them is to be used to construct the Bibliography Number, the latest of them is to be used. Again if there is ambiguity between the classes (a) 1, 4 and 5; or, (b) 2, 4, and 5; or, (c) 3, 4, and 5, the earliest of the divisions possible is to be used in each case.

91202 A colon is not to be put after the Bibliography Number in case it has to be amplified by any of the Devices.

Since the Bibliography Number will always consist of a single Arabic numeral only except for initial 9's if any no ambiguity is likely to arise by not inserting the colon.

9121 The Bibliography Number '1' is to be amplified first by the Geographical Device and then by the Chronological Device, the Geographical Number and the Chronological Number being separated by a colon. The geographical area, of the publications published in which the book gives a bibliography, is to be used to construct the Geographical Number. If the bibliography is a stray or isolated one, the Chronological Number is to be worked out to two digits and the decade up to which the bibliography is brought is to be used as the

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epoch. If it is issued periodically, the Chronological Number is to be worked out to three digits, the year of commencement of the publication being used as the epoch.

9122 The Bibliography Number '2' is to be amplified first by the Geographical Device and then by the Chronological Device, the Geographical Number and the Chronological Number being separated by a colon. The geographical area, with which the publications in the bibliography deal, is to be used to construct the Geographical Number. If the bibliography is a stray or isolated one, the Chronological Number is to be worked out to two digits and the decade up to which the bibliography is brought is to be used as the epoch. If it is issued periodically, the Chronological Number is to be worked out to three digits, the year of its commencement being used as the epoch.

9123 After the Bibliography Number '3', the number representing the language, the bibliography of the publications in which or about which is given in the book, is to be put.

91231 The Class Number got by Rule 9123 is to be amplified by the Chronological Device only or by the Geographical Device and then by the Chronological Device, according to the requirements of the case. In the former case, a colon is to be put before the Chronological Number. In the latter case, a colon is to be put before and after the Geographical Number.

In either case, if the bibliography is a stray or isolated one, the Chronological Number is to be worked out to two digits, the decade up to which the bibliography is brought being used as the epoch and if it is issued periodically, the Chronological Number is to be worked out to three digits, the year of commencement of the publication being used as the epoch. In the latter case, the geographical area of the materials in which alone or about which alone it gives a bibliography, is to be used to construct the Geographical Number.

9124 The Bibliography Number '4' is to be amplified, first by the Geographical Device and then by the Chronological Device, the Geographical Number and the Chronological Number being separated by a colon. The country in which the library is situated is to be used to construct the Geographical Number. The Chronological Number is to be worked

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out to three digits, the date of foundation of the library or of the institution to which it may belong, if it belongs to any, being used as the epoch.

9125 The Bibliography Number '5' is to be amplified, first by the Geographical Device and then by the Chronological Device, the Geographical Number and the Chronological Number being separated by a colon. The country in which the publishing firm is situated is to be used to construct the Geographical Number. The Chronological Number is to be worked out to three digits, the date of foundation of the publishing firm being used as the epoch. If the publisher is the government of the country, the Chronological Number may be omitted.

### 92 Library Science

920 Two trains of characteristics are to be used for the subdivision of Library Science, *viz.* Problem or 'P' and Library or 'L'.

9201 The two trains of characteristics forming the basis of classification of Library Science are to be taken in the order 'P', 'L'.

### 921 Problem Number

9210 The digit or digits of the problem dealt with in the book are to be placed immediately after the digit '2'. This group of digits may be termed the 'Problem Number'.

92101 The numbers appropriate to the different problems are given in Schedule 9 of Part II.

9211 If a book treats about more than one problem, no Problem Number is to be put.

### 922 Library Number

922 A colon is to be put after the Problem Number or after '2' according as the Problem Number is or is not used.

9220 The digit or digits of the type of library are to be put after the colon. This group of digits may be termed the 'Library Number.'

92201 The numbers appropriate to the different types of libraries are given in Schedule 9 of Part II.

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928*q* In the case of a Schedule of Classification, the digit *q* is to be added after the Problem Number "51 Classification" and is to be amplified first by the Chronological Device and then by the Subject Device. No colon is to be put between the Chronological Number and the Subject Number. The Chronological Number is to be worked out to three digits, the date of first publication of the Schedule of Classification being used as the epoch. If the Schedule of Classification deals with more than one Subject, the Subject Number need not be put.

928*q*1 In the case of a Code of Cataloguing Rules, the digit *q* is to be put after the Problem Number '55 Cataloguing' or its subdivision as the case may be and is to be amplified by the Chronological Device. The Chronological Number is to be worked out to three digits, the year in which the Code was first published being used as the epoch.

### 93 Dictionaries. Encyclopædias

93 In the case of the Division '3 Dictionaries, Encyclopædias', the digit '3' is to be amplified first by the Geographical Device and then by the Chronological Device, the Geographical Number and the Chronological Number being separated by a colon. The country in which the encyclopædia is published is to be used to construct the Geographical Number. The Chronological Number is to be worked out to three digits, the year in which the first published volume of the first edition was published being used as the epoch.

It is only general encyclopædias that are to be put in the Generalia Class '3'. Encyclopædias of particular subjects are to be indicated in accordance with Rule 2*k* of Chapter 2 of this Part. It is only dictionaries of a general nature that are to be put in the Generalia Class '3'. Dictionaries giving the meanings of words or phrases are to be put in the Subject Division 'P Linguistics.'

931 Notwithstanding anything to the contrary contained in Rule 93, if the encyclopædia gives information about a specific country that country is to be used to construct the Geographical Number required to amplify the digit '3' and not the country in which the encyclopædia is published.

### 94—98 Societies to Yearbooks

The Generalia Numbers '4 to 8' and their subdivisions, if any, are to be amplified exactly like the Common Subdivisions corresponding to them dealt with in Chapter 2 of this Part, with the following proviso:—



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1. In the case of a Society or a periodical which specialises in the study of a particular geographical area, the digit 4 or 5, as the case may be, is to be first amplified by the Bias Number Device using the number of the geographical area concerned as the Bias Number and a colon is to be put after the Bias Number before it is dealt with as in Rule 2*l* or 2*m*.

2. In the case of Indian Generalia Periodicals in an Indian language the number '52' is to be first amplified by the Bias Number Device using the number of the language of the periodical as the Bias Number and a Colon is to be put after the Bias Number before the Chronological Number is applied.

3. In the case of national biographies, the digit 7 is to be amplified first by the Geographical Device and then by the Chronological Device.

Only books which cannot be assigned to any one of the Subject Divisions 'A to Z' are to be put in the appropriate Generalia Classes '4 to 8.' *Who is Who* is to be put in the Generalia Class '7' and the digit '7' is to be amplified, in its case, as if it were a periodical.

The provisoes are intended to bring together special periodicals like *Orientalia* or *Indiana* ones or those in particular Indian languages.

### 99 General Essays

99 The General Eassays Number '9' is to be amplified by the Classic Device.

991 In the case of general essays that specialise in the study of a particular geographical area, the digit 9 is first to be amplified by the Bias Number Device using the number of the geographical area concerned as the Bias Number and then only amplification by the Classic Device is to be made.

This rule is intended to bring together specialised general essays such as essays on *Orientalia* and *Indiana*.

### 998 Theses

998 The Generalia Number '98' is to be amplified, first by the Geographical Device and then by the Chronological Device, the Geographical Number and the Chronological Number being separated by a colon. The country of the University or Institution to which the theses were submitted is to be used to construct the Geographical Number. The Chronological Number is to be worked out to three digits, the year of foundation of the University or Institution being used as the epoch.

## **A SCIENCE (GENERAL)**

A1 As 'B to M' are really subdivisions of 'A', 'A' itself need not be divided on the basis of any characteristic. The only way in which A is to be subdivided is by the application of Common Subdivisions or the Classic Device or the Bias Number Device or the Last Octave Principle.

## B MATHEMATICS

B The chief divisions of Mathematics and their subdivisions are given in Schedule B of Part II.

All the remarks given under Rule 9 of Chapter 9 are applicable here. It is not possible to enunciate any relevant characteristics which may be made the basis for the classification of Mathematics as a whole. In fact we have to divide Mathematics in the first instance, along canonical lines. Even some of the canonical classes of Mathematics have to be further subdivided only on canonical lines. But certain canonical classes and subclasses admit of classification on the basis of definite and appropriate trains of characteristics, as can be seen from Schedule B as well as from the succeeding rules of this Chapter.

The terms used to denote the classes of Mathematics cannot be said to be quite definite. Even the Oxford Dictionary does not help us in fixing their denotation. Their denotation is to be fixed only by the enumeration of their subdivisions.

There are several Special Forms in Mathematics about each of which literature has accumulated and is accumulating. Such Special Forms appear in all subdivisions of Mathematics. For example we have Special Arithmetic Functions, Special Algebraic Equations, Special Algebraic Transformations, Special Groups, Special Series, Special Integrals, Special Differential Equations, Special Differential Operators, Special Functions and so on.

The method that is invariably employed in Mathematics as well as in all other subjects to represent such Special Forms, Topics, Theories, etc., is that of working out the Class Number as far as it is possible on the basis of the characteristics of classification and amplifying the Class Number, thus arrived at, by the Chronological Device, the Chronological Number being usually worked out to three digits. The year of the first publication of an authentic exposition or investigation of the Topic or Theory or Form, as the case may be, is to be used as the epoch. The volumes of *Encyklopädie der mathematischen Wissenschaften* will be of help in fixing the Chronological Number in most of the cases. Other books on the History of Mathematics may also be of help.

### B1 Arithmetic

B1 The subdivision of Arithmetic is not based on any natural characteristic. The subdivisions are merely the canonical ones.

It may be stated here that books on Cardinal Numbers, Ordinal Numbers, Transfinite Numbers and similar topics are not to be placed

## MATHEMATICS

in this division. Their appropriate place is B31 'Foundations of Analysis.'

### B11 Lower Arithmetic

B11 By 'Lower Arithmetic' is meant arithmetic as it is popularly understood. Some of its subdivisions are indicated in Schedule B of Part II. It is unlikely that there will be either books or even articles on topics which are more specialised than the subdivisions given in the Schedule. If there be any, each subdivision may be further subdivided in any suitable manner.

### B12 Concept of Numbers

B12 The division 'Concept of Numbers' is to be used only for books which do not deal either with the special psychology of numbers on the one hand or with the foundations of Analysis on the other. This division is intended to hold popular accounts of the 'Concept of Numbers' such as Conant's *Concept of numbers*.

### B13 Theory of Numbers

B130 Three trains of characteristics are to be used for the subdivision of 'Theory of Numbers,' viz., Number or 'N', Problem or 'P' and Method or 'M'.

B1301 The three trains of characteristics forming the basis of classification of 'Theory of Numbers' are to be taken in the order 'N', 'P', 'M'.

B1302 The Numbers corresponding to these trains of characteristics may be termed the 'Number Number', the 'Problem Number' and the 'Method Number' respectively.

B1303 The symbols and the appropriate divisions on the basis of each of these trains of characteristics are given in Schedule B of Part II.

The term 'Theory of Numbers' is traditionally used to the study of the properties of Integers. Its use is also, nowadays, extended to the study of certain other classes of numbers such as Ideal Numbers and Higher Complex Numbers which are given as further divisions of B1. In this extended sense, 'Theory of Numbers' is also denoted by the term 'Higher Arithmetic.'

B131 The classes into which numbers are divided on the basis of 'N' characteristic are not intended to be mutually exclusive in the sense that the same number should not occur in more than one class. It is only the aspect studied that will be different in the different classes. The evolution of the 'Theory of Numbers' indicates that the centre of attention is not on the numbers as such but on the aspects of numbers which are indicated in the Schedule. Further aspects, which may

## MATHEMATICS

appear in future, can be accommodated either as subdivisions of the classes already given or as additional classes.

B133 It can be seen from the Schedule of 'Method Numbers' forming part of Schedule B of Part II, that the 'Method Numbers' are mnemonically derived from the canonical classes of the Main Class 'B Mathematics' and their subclasses. Whenever necessary, the 'Method Numbers' may be further subdivided in the same way as the canonical classes of Mathematics are subdivided.

### B2 Algebra

B2 The subdivision of Algebra is not based on any natural characteristic. The subclasses are merely canonical ones.

#### B21 Elementary Algebra

B21 By 'Elementary Algebra' is meant Algebra which does not involve infinite processes. The subclasses of 'Elementary Algebra' also are on canonical lines.

#### B23 Theory of Equations

B230 Two trains of characteristics are to be used for the subdivision of 'Theory of Equations', *viz.*, Equation or 'E' and Problem or 'P'.

B2301 The two trains of characteristics forming the basis of classification of 'Theory of Equations' are to be taken in the order 'E', 'P'.

B2302 The numbers corresponding to these trains of characteristics may be termed the 'Equation Number' and the 'Problem Number' respectively.

B2503 The symbols and the appropriate divisions on the basis of each of these trains of characteristics are given in Schedule B of Part II.

### B25 Higher Algebra

B250 Three trains of characteristics are to be used for the subdivision of Higher Algebra, *viz.*, Form or 'F', Degree or 'D' and Transformation or 'T'.

B2501 The three trains of characteristics forming the basis of classification of Higher Algebra are to be taken in the order 'F', 'D', 'T'.

B2502 The Numbers corresponding to these trains of characteristics may be termed the 'Form Number', the 'Degree Number' and the 'Transformation Number' respectively.

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B2503 The symbols and the appropriate divisions on the basis of each of these trains of characteristics are given in Schedule B of Part II.

B291 The division 'B29 Algebras' is to be subdivided by the Favoured Category Device. If there be more Algebras than can be accommodated by the Favoured Category Device, the Chronological Device may be used to individualise the further ones.

### B3 Analysis

B3 The subdivision of Analysis is not based on any natural characteristic. The subclasses are merely canonical ones.

#### B33 Differential and Integral Equations

B330 Four trains of characteristics are to be used for the subdivision of Differential and Integral Equations, *viz.*, Equation or 'E', Degree or 'D', Order or 'O' and Problem or 'P'.

B3301 The four trains of characteristics forming the basis of classification of Differential and Integral Equations are to be taken in the order 'E', 'D', 'O', 'P'.

B3302 The numbers corresponding to these trains of characteristics may be termed the 'Equation Number', the 'Degree Number', the 'Order Number' and the 'Problem Number' respectively.

B3303 The symbols and the appropriate classes on the basis of each of these trains of characteristics are given in Schedule B of Part II.

B339 Special Integral and Differential Equations are to be individualised by the Chronological Device.

#### B37 Real Variable

B370 Two trains of characteristics are to be used for the subdivision of 'Real Variable', *viz.*, Variable or 'V' and Problem or 'P'.

B3701 The two trains of characteristics forming the basis of classification of Real Variable are to be taken in the order 'V', 'P'.

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B3702 The numbers corresponding to these trains of characteristics may be termed the 'Variable Number' and the 'Problem Number' respectively.

B3703 The symbols and the appropriate divisions on the basis of each of these trains of characteristics are given in Schedule B of Part II.

### B38 Complex Variable

B380 Two trains of characteristics are to be used for the subdivision of Complex Variable, *viz.*, Variable or 'V' and Problem or 'P'.

B3801 The two trains of characteristics forming the basis of classification of Complex Variable are to be taken in the order 'V', 'P'.

B3802 The numbers corresponding to these trains of characteristics may be termed the 'Variable Number' and the 'Problem Number' respectively.

B3803 The symbols and the appropriate divisions on the basis of each of these trains of characteristics are given in Schedule B of Part II.

### B39 Special Functions

B39 Each subclass of B39 is to be amplified by the Chronological Device to individualise Special Functions.

B391 Each Special Function may be divided on the basis of the train of Problem Characteristics, as is done in the case of 'B38 Complex Variable'.

### B4 Other Methods

B4 The subdivisions of B4 by the Favoured Category Device are given in Schedule B of Part II. If other methods of Analysis are discovered than can be accommodated by the Favoured Category Device, the Chronological Device will have to be employed. The divisions representing each method may have to be further subdivided on the basis of appropriate characteristics. It has not been attempted, however, in this edition, as these subjects are quite recent and sufficient literature has not come out to justify the labour involved in further subdividing them.

### B6 Geometry

B60 Two trains of characteristics are to be used for the subdivision of Geometry, *viz.*, Space or 'S' and Method or 'M'.

## MATHEMATICS

B601 The two trains of characteristics forming the basis of classification of Geometry are to be taken in the order 'S', 'M'.

B602 The numbers corresponding to these trains of characteristics may be termed the 'Space Number' and the 'Method Number' respectively.

B603 The symbols and the appropriate divisions on the basis of each of these trains of characteristics are given in Schedule B of Part II.

The first division under the train of 'S' characteristics is rather anomalous. It is devoted to books on the 'Foundations of Geometry'. Each of the other divisions on the basis of the train of 'S' characteristics has been further subdivided on the basis of the Degree of the Curve or Surface studied in the book. As usual Special Curves and Special Surfaces are to be individualised by the Chronological Device. The division 9 on the basis of the train of 'S' characteristics is devoted to Non-Euclidian Geometry. Some of its subdivisions by the Favoured Category Device are indicated in Schedule B of Part II. If there be more systems of Geometry than can be accommodated by the Favoured Category Device, the Chronological Device is to be used to individualise the further ones.

### B7 Mechanics

B70 Two trains of characteristics are to be used for the subdivision of Mechanics, *viz.*, Matter or 'M' and Problem or 'P'.

B701 The two trains of characteristics forming the basis of classification of Mechanics are to be taken in the order 'M', 'P'.

B702 The numbers corresponding to these trains of characteristics may be termed 'Matter Number' and 'Problem Number' respectively.

B703 The symbols and the appropriate divisions on the basis of each of these trains of characteristics are given in Schedule B of Part II.

### B9 Astronomy

B90 Two trains of characteristics are to be used for the subdivision of Astronomy, *viz.*, Body or 'B' and Problem or 'P'.



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B901 The two trains of characteristics forming the basis of classification of Astronomy are to be taken in the order 'B', 'P'.

B902 The numbers corresponding to these trains of characteristics may be termed the 'Body Number' and the 'Problem Number' respectively.

B903 The symbols and the appropriate divisions on the basis of each of these trains of characteristics are given in Schedule B of Part II.

## C PHYSICS

C The chief divisions of Physics and their subdivisions are given in Schedule C of Part II.

Physics is one of the few subjects in which the rules for subdivision cannot be begun with the enumeration of some trains of characteristics to be used as the basis of their classification. On the other hand, we have to divide physics, in the first instance, on canonical lines. Some of these canonical divisions admit of further subdivision on the basis of certain trains of characteristics.

### C2 Properties of Matter

C20 Two trains of characteristics are to be used for the subdivision of Properties of Matter, *viz.*, State of Matter or 'S' and Problem or 'P'.

C201 The two trains of characteristics forming the basis of classification of Properties of Matter are to be taken in the order 'S', 'P'.

C202 The numbers corresponding to these trains of characteristics may be termed the 'State Number' and the 'Problem Number' respectively.

C203 The symbols and the appropriate divisions on the basis of each of these trains of characteristics are given in Schedule C of Part II.

### C3 Sound

C30 Two trains of characteristics are to be used for the subdivision of Sound, *viz.* Wavelength or 'W' and Problem or 'P'.

C301 The two trains of characteristics forming the basis of classification of Sound are to be taken in the order 'W', 'P'.

C302 The numbers corresponding to these trains of characteristics may be termed the 'Wavelength Number' and the 'Problem Number' respectively.

## PHYSICS

C303 The symbols and the appropriate divisions on the basis of each of these trains of characteristics are given in Schedule C of Part II.

### C4 Heat

There is only one train of characteristics forming the basis for the classification of Heat, *viz.*, Problem or 'P'. The classes based on the train of 'P' characteristics are given in Schedule C of Part II.

### C5 Light

C50 Two trains of characteristics are to be used for the subdivision of Light, *viz.*, Wavelength or 'W' and Problem or 'P'.

C501 The two trains of characteristics forming the basis of classification of Light are to be taken in the order 'W', 'P'.

C502 The numbers corresponding to these trains of characteristics may be termed the 'Wavelength Number' and the 'Problem Number' respectively.

C503 The symbols and the appropriate divisions on the basis of each of these trains of characteristics are given in Schedule C of Part II.

C51 The first division on the basis of the train of 'W' characteristics represents visible light and the divisions '2' to '8' represent the invisible regions of the spectrum.

C528 Specific theories are to be individualised by the Chronological Device. The Chronological Number is to be worked out to three digits, the date of the first publication of an authentic exposition of the theory being used as the epoch.

### C6 Electricity

C60 Two trains of characteristics are to be used for the subdivision of Electricity, *viz.*, Electricity or 'E' and Problem or 'P'.

C601 The two trains of characteristics forming the basis of classification of Electricity are to be taken in the order 'E', 'P'.

C602 The numbers corresponding to these trains of characteristics may be termed the 'Electricity Number' and the 'Problem Number' respectively.

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C603 The symbols and the appropriate divisions on the basis of each of these trains of characteristics are given in Schedule C of Part II.

C628 Specific theories on the nature of Electricity are to be individualised by the Chronological Device.

### **C8 Cosmic Hypothesis**

C8 Specific theories are to be individualised by the Chronological Device.

Some illustrative examples are given in Schedule C of Part II.

CA Wherever necessary, the train of 'State of Matter' characteristic mentioned in section C2 of this Chapter may be used as an additional train of characteristic for further classification.

e.g. C433:1 Specific heat of solids

C62:14:8 Conduction of electricity through gases.

## D ENGINEERING

D0 Subject to the provisions of Rule D60 and its subdivisions, three trains of characteristics are to be used for the subdivision of Engineering, *viz.*, Work or 'W', Part or 'P' and Engineering or 'E'.

D01 The three trains of characteristics forming the basis of classification of Engineering are to be taken in the order 'W', 'P', 'E'.

D02 The Numbers corresponding to these trains of characteristics may be termed the Work Number, the Part Number and the Engineering Number respectively.

D03 The symbols and the appropriate divisions on the basis of each of these trains of characteristics are given in Schedule D of Part II.

D1 The traditional divisions of engineering are Civil Engineering and Mechanical Engineering. But the term Civil Engineering is too vague. Divisions 1, 2 and 4 on the basis of the Work characteristic will come in the category of Civil Engineering. Mining Engineering and Municipal and Sanitary Engineering are additional divisions which it has been found convenient to introduce.

D2 The divisions based on the train of Part characteristics would naturally depend upon the Work Number and would be different for different types of work. Hence the Part Divisions for certain Work Numbers only have been given in the Schedule by way of illustration. For the other Work Divisions the parts are to be worked out in an analogous manner.

The divisions on the basis of the train of Part characteristic become very specialised in each branch of Mechanical Engineering. In a specialised Engineering library it would be necessary to work out the parts for each one of the Work Numbers given as subdivisions of Mechanical Engineering. But it may not be necessary in a general library. Lionel S. Mark's *Mechanical engineers' handbook* may be of much use in working out such details.

D315 The division '15 Hydraulics' on the basis of the train of Engineering characteristic is to hold books dealing with general hydraulics, topics such as flow of water, etc. Books dealing with irrigation are to be put in the Work Division '2' and those that deal with hydro-electric topics are to be put in the Work Division '66'.

## ENGINEERING

D60 In the case of the Work Division '6' and its subdivisions, a further train of characteristics may be used in addition to those of the 'P' and 'E' characteristics. The additional train of characteristics may be termed Secondary Work or 'S'.

D601 The train of 'S' characteristics is to come between the train of 'W' characteristics and that of 'P' characteristics.

D602 The Number corresponding to this train of characteristics may be termed the Secondary Work Number.

D603 The symbols and the appropriate divisions on the basis of this train of characteristic are given in Schedule D of Part II.

D61 The division '1' Generation' may have to be further subdivided but the subdivisions are likely to depend upon and vary with the Work Number to which the Secondary Work Number is attached. The subdivisions in the case of Electrical Engineering are given in the Schedule by way of illustration. For the other cases, the subdivisions are to be worked out in a similar manner.

D8e The way in which the Common Subdivision Digit 'e' is to be subdivided when applied to the Work Number '66' is indicated in Schedule D of Part II, as there are likely to be monographs on particular electrical instruments.

D8v The Common Subdivision Digits  $u$  and  $v$  are to be used on the analogy of their use in T Education. *Vide* rules T8u and T8v.

## E CHEMISTRY

E0 Two trains of characteristics are to be used for the subdivision of Chemistry, *viz.*, Problem or 'P' and Substance or 'S'.

E01 The two trains of characteristics forming the basis of classification of Chemistry are to be taken in the order 'P', 'S'.

E02 The Number corresponding to these trains of characteristics may be termed the Problem Number and the Substance Number respectively.

E03 The symbols and the appropriate divisions on the basis of each of these trains of characteristics are given in Schedule E of Part II.

E17 The Problem Class '7 Biochemistry' may be subdivided on the basis of the train of Problem characteristics as the Subject Division 'E Chemistry' itself is divided.

E21 The Substance Division '1' is to accommodate books on the chemistry of specific elements. The classification of Elements has been based on the Periodic Table. In fact, the second digit in the numbers of the subdivisions of the Substance Division represents the group to which the element belongs and the third digit ordinarily represents its period. It may be recollected that the vertical and horizontal rulings in the Periodic Table give rise to 90 cells.

Each cell ordinarily accommodates one element. When there are two elements in a cell the number corresponding to the cell is assigned to one of the two elements and for the other this number is amplified by the digit '9'. In three cells of group 8, however, there are three elements. In these cases the third element has been, for convenience, assigned to the next later period, which happens to be vacant in all the three cases.

The reason for assigning the digit '9' for the second element, if any, in a cell and for transferring the third element to the next cell will become clear in the remarks under Rule E2203.

Ammonia has been treated as an Element for purposes of classification.

E211 The group of digits following the initial digit '1' may be termed the Element Number.

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Thus every element has an Element Number consisting of either two digits or three digits. It may be repeated that if the Element Number runs to three digits, the third digit will be '9'.

E219 The Substance Division '19' is introduced to accommodate special groupings of Elements which are common.

E220 If a book deals primarily with the hydroxyls or basic oxides of an element, its Substance Number is to consist of the digit '2' followed successively by the number of the constituent element, *i.e.*, the element whose hydroxyl or basic oxide forms the primary subject-matter of the book and the Valency Number, *i.e.*, the Arabic numeral representing the valency of the element in the oxide.

E2201 The amphoteric oxides are to be traced as basic oxides in constructing their Substance Number.

E2202 The Element Number followed by the Valency Number may be termed the Full Element Number.

E2203 If there be more than one basic oxide with a given valency for the element, the number got by Rule E220 is to be used for one of them and the numbers 1, 2, etc., are to be added to the number got by Rule E220 in the case of the second, third, etc., respectively of the basic oxides. If the number thus added is in more than one digit, it is to be read as an integer and not as a decimal.

It is known that the valency of no element is higher than 8. Hence, the Valency Number amplifying an Element Number will always be a number not exceeding 8. It is on account of this fact that the digit '9' was used to represent the second element, if any, in a cell, with a view to avoid a colon between the Element Number and the Valency Number.

E229 The Substance Number '29' is used, as is indicated in Schedule E of Part II, for binaries other than water which are neither hydroxyls nor acids nor salts. Water is regarded as the hydroxyl of hydrogen in the construction of its Substance Number.

E2290 If a book deals primarily with a binary, its Substance Number is to consist of the number '29' followed by the Full Element Number of the first constituent element and then by that of the second constituent element.

E22901 If there be more than one binary with the same two Full Element Numbers, the number got by Rule E2290 is



## CHEMISTRY

to be used for one of them and the numbers 1, 2, etc., are to be added to the number got by Rule E2290 in the case of the second, third, etc., respectively of the binaries. If the number thus added is in more than one digit, it is to be read as an integer and not as a decimal.

E230 If a book deals with an acid or acidic oxide of an element, its Substance Number is to consist of the digit '3' followed by the Full Element Number of the constituent element, *i.e.*, the element whose acid or acidic oxide forms the primary subject-matter of the book.

E2301 Neutral oxides are to be treated as acidic oxides in constructing their Substance Number.

E231 If there be more than one acid or acidic oxide with a given Full Element Number, they are to be dealt with in a manner analogous to that given in Rule E2203.

E240 If a book deals primarily with a salt, its Substance Number is to consist of the digit '4' followed by the Full Element Number of the constituent basic element and then by that of the constituent acidic element.

E241 If there be more than one salt with the same two Full Element Numbers, they are to be dealt with in a manner analogous to that given in Rule E2203.

E242 In the case of a double salt the Substance Number is to consist of the digit '4' followed by the Full Element Number of the first basic element and then that of the second basic element and then that of the acidic element.

E2421 If there be more than one double salt with the same Full Element Numbers, they are to be dealt with in a manner analogous to that given in Rule E2203.

E28 Division '8' may be subdivided on the basis of the number of carbon atoms displaced and the elements displacing them.

E291 The Substance Divisions given in Schedule E of Part II may be augmented by the Subject Device.

E292 In the case of analytical chemistry, the Substance Number may be amplified by the Bias Number Device, using for the Bias Number, the number of the substance whose presence in the original Substance is being investigated by analysis.

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E30 In the case of the Substance Divisions 5, 6, 7 and 8 and their subdivisions, a third train of characteristic may be used as the basis of their further classification, namely, Combination or 'C'.

E301 The number corresponding to this train of characteristic may be termed the Combination Number.

E302 The symbols and the appropriate divisions based on this train of characteristic are given in Schedule E of Part II.

E38 The Combination Number '8' may be amplified by the Full Element Number of the constituent element or elements, as the case may be.

## F TECHNOLOGY

F0 Two trains of characteristics are to be used for the subdivision of Technology, *viz.*, Substance or 'S' and Problem and Process or 'P'.

The term Technology is taken to include metallurgy as well as chemical technology.

F01 The two trains of characteristics forming the basis of classification of Technology are to be taken in the order 'S', 'P'.

F02 The Number corresponding to these trains of characteristics may be termed the Substance Number and the Problem Number or the Process Number, as the case may be, respectively.

F1 The Substance Number is to be constructed as for the Subject Division 'E Chemistry'. The additional divisions required are given in Schedule F of Part II.

F11 If there be more than one industrial form for any substance, the different forms are to be indicated by the Favoured Category Device.

Here are some examples worked out for the substance Iron:—

82 Iron	823 Steel
821 Cast iron or Pig iron	824 Steel alloys
822 Wrought iron	

F2 The divisions on the basis of the Process characteristic will depend upon the substance. As far as possible, the Chronological Device is to be used in constructing the Process Number. The Chronological Number is to be worked out to three digits and the year of the discovery of the process is to be used as the epoch. The Chronological Number constructed by this Rule may be termed the Process Number.

F21 Each Process Number may have to be further subdivided according to the nature of its technique.

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No attempt has been made in this edition to give illustrative schedules of the processes for the techniques of different substances and their subdivisions.

F22 In the case of a book not dealing with a particular substance or with a particular process corresponding to the substance represented by the Substance Number but giving an account of some aspects of the problems of Technology in general, the second digit in the subdivisions of the Problem Division '8 Manipulation' of the Main Class 'E Chemistry' may be used to represent the corresponding aspects of the problem and this digit may take the place of the Process Number.

Since the Problem Numbers will begin with Arabic numerals and the Process Numbers will begin with capital letters, there will be no ambiguity whatever in arranging them.

## **G Natural Science (General) and Biology**

G0 Three trains of characteristics are to be used for the subdivision of Natural Science (General) and Biology, *viz.*, Organ or 'O', Problem or 'P' and a third. The third characteristic will be different for the different classes based on the train of 'P' characteristic.

G01 The three trains of characteristics forming the basis of classification of Natural Science (General) and Biology are to be taken in the order 'O', 'P' and the third characteristic.

G02 The number corresponding to the first two trains of characteristics may be termed the Organ Number and the Problem Number.

The name of the Number corresponding to the third train of characteristics will be given in appropriate places.

G03 The symbols and the appropriate divisions on the basis of each of the trains of characteristics are given in Schedule G of Part II.

G1 A general account of life as a biological phenomenon is to be given the Organ Number '1'.

G233 The third train of characteristics to be used when the Problem Division is '33 Metabolism' or 341 or 345 or 346 or any of their subdivisions is Substance or 'S'. The number corresponding to it may be termed Substance Number and it is to be constructed as in 'E Chemistry' and 'F Technology'.

G25 The third train of characteristics to be used when the Problem Division is '5 Ecology' or any of its subdivisions is Geographical or 'G'. It may be termed Geographical Number and it is to be constructed as in the Geographical Schedule of Part II.

G259 The need for Auto-Bias Device will arise in fixing the Geographical Number for ecological books. If so the physiographic class concerned is to be used as the Basic Class and the continent, country, etc., as the case may be, as the Bias Class.

## H GEOLOGY

H The chief divisions of Geology and their subdivisions are given in Schedule H of Part II.

Geology is one of the few subjects in which the rules for subdivision cannot be begun with the enumeration of some characteristics to be used as the basis of their classification. On the other hand we have to divide Geology, in the first instance, on canonical lines. Some of these canonical divisions admit of further subdivision on the basis of certain characteristics.

### H1 Mineralogy

H10 Two trains of characteristics are to be used for the subdivision of Mineralogy, *viz.*, Substance or 'S' and Problem or 'P'.

H101 The two trains of characteristics forming the basis of classification of Mineralogy are to be taken in the order 'S', 'P'.

H102 The Numbers corresponding to these trains of characteristics may be termed the 'Substance Number' and the 'Problem Number' respectively.

H103 The symbols and the appropriate divisions on the basis of each of these trains of characteristics are given in Schedule H of Part II.

H11 The Substance Number is to be worked out as the Substance Number in the Subject Division 'E Chemistry', except that amplification by the Valency Number may not be necessary.

H111 If there be more than one mineral with the same chemical composition but differentiated from one another either isomerically or by the presence of impurities, they are to be dealt with by the Favoured Category Device.

"DANA (Edward Salisbury) *A system of mineralogy*" will be of help in constructing the Substance Number in Mineralogy.

H119 The Substance Division '9 Precious Stones' has been specially formed since precious stones form an important class of substance in

## GEOLOGY

Geology. If they be given the Substance Number according to the Rule H11, the books on the different precious stones will be scattered. Hence it is suggested that all books on precious stones may be brought under the class H19 and its subdivisions.

### H2 Petrology

H20 Two trains of characteristics are to be used for the subdivision of Petrology, *viz.*, Substance or 'S' and Problem or 'P'.

H201 The two trains of characteristics forming the basis of classification of Petrology are to be taken in the order 'S', 'P'.

H202 The Numbers corresponding to these trains of characteristics may be termed the 'Substance Number' and the 'Problem Number' respectively.

H203 The symbols and the appropriate divisions on the basis of each of these trains of characteristics are given in Schedule H of Part II.

H22 As has been stated in the Schedule, the divisions of 'H2 Petrology' based on the train of Problem characteristics are the same as those for 'H1 Mineralogy'.

### H6 Palaeontology

H6 The canonical class 'Palaeontology' is to be used only for Palaeo-zoology. Books on Palaeo-botany are accommodated in the Main Class 'I Botany'. The Palaeontology Number 'H6' is to be amplified by the 'Animal Number' of Zoology.

H68*u* In the case of descriptive Palaeontology and Palaeontological surveys, whenever warranted the amplifying Chronological Number is to be the number for the appropriate stratigraphical age, given as subdivisions of 'H5 Stratigraphy' and not one taken from the Chronological Schedule.

### H7 Economic Geology

H7 The class 'H7 Economic Geology' is to accommodate books on ore deposits, underground water, and non-metallic and organic deposits. It may be stated that an ore is defined as "the natural mineral containing a precious or useful metal in such quantities and such chemical composition as to make its extraction profitable". Thus the denotation of the term 'ore deposit' is likely to vary from time to time. However, from the point of view of the user, on account of the great economic importance of ore deposits, it is recommended that they may be grouped together in the division 'H7'.

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H70 Two trains of characteristics are to be used for the subdivision of Economic Geology, *viz.*, Substance or 'S' and Problem or 'P'.

H701 The two trains of characteristics forming the basis of classification of Economic Geology are to be taken in the order 'S', 'P'.

H702 The Numbers corresponding to these trains of characteristics may be termed the 'Substance Number' and the 'Problem Number' respectively.

H71 The 'Substance Number' is to be worked out as the 'Substance Number' in the Subject Division 'E Chemistry', except that amplification by Valency Number may not be necessary.

H711 If there be more than one mineral with the same chemical composition but differentiated from one another either isomerically or by the presence of impurities, they are to be dealt with by the Favoured Category Device.

The substance which forms the essential constituent of the ore, *i.e.*, the substance whose presence makes the ore economically valuable is to be used in constructing the 'Substance Number'.

H72 The classes of 'H7 Economic Geology' based on the train of Problem characteristic are the same as those for 'H1 Mineralogy'.

### H8 Cosmic Hypotheses

H8 Specific hypotheses are to be individualised by the Chronological Device. The Chronological Number is to be worked out to three digits, the date of the first publication of an authentic exposition of the hypothesis being used as the epoch.



## I BOTANY

I0 Three trains of characteristics are to be used for the subdivision of Botany, *viz.*, Natural group of Plants or 'N', Problem or 'P' and Organ or 'O'.

I01 The three trains of characteristics forming the basis of classification of Botany, shall be taken in the order 'N', 'P', 'O'.

I02 The Number corresponding to these trains of characteristics may be termed the Plant Number, the Problem Number and the Organ Number respectively.

I03 The symbols and the appropriate divisions on the basis of each of these characteristics are given in Schedule I of Part II.

I1 It will be noticed that the Divisions '2 Thallophyta,' '3 Bryophyta,' and '4 Pteridophyta' based on the N characteristic are subdivisions of Division '1 Cryptogamia.' Similarly, the Division '6 Gymnosperms,' '7 Monocotyledons,' and '8 Dicotyledons' are only subdivisions of Class '5 Phanerogamia.'

121 In case the Problem Number used is '12' or '18', the third train of characteristics to be used will be the Geographical and not the Organ. The geographical area which forms the subject-matter of the book is to be used to construct the Geographical Number.

I25 In case the Problem Division used is '5 Ecology' or any of its subdivisions, the Geographical characteristic may have to be used as the third train of characteristics as in Rules G25 and G259. The Organ may be used as the fourth train of characteristics.

I28 $u$  In the case of descriptive palæobotany and palæobotanical surveys, the Chronological Number is to be constructed as in Rule H68 $u$ .

## J AGRICULTURE

J0 Four trains of characteristics are to be used for the subdivision of Agriculture, *viz.*, Utility or 'U', Part or 'P', Crop or 'C', Farming or 'F'.

J01 The four trains of characteristics forming the basis of classification of Agriculture are to be taken in the order 'U', 'P', 'C', 'F'.

J02 The Number corresponding to these trains of characteristics may be termed the Utility Number, the Part Number, the Crop Number and the Farming Number, respectively.

J03 The symbols and the appropriate divisions on the basis of each of these trains of characteristics are given in Schedule J of Part II.

J04 A colon need not be put after the Utility Number and the Part Number.

Utility Numbers and Part Numbers will always consist of a single digit. Hence no ambiguity is likely to arise by not inserting the colons.

J1 The utility Number is devised so as to give a favoured treatment to certain crops. It is true that a crop may be utilised for several purposes. But it is the primary purpose that should decide the Utility Number of a given crop. To take an example, in the case of paddy, the rice is used as human food. The straw is used as animal food and as roofing material. Perhaps, it may also be used for some textile purposes. But it will be easily conceded that the primary use of paddy is as human food.

J2 If more than one part of a substance are likely to be put to the primary use made of it, that part which is more commonly used is to be used to construct the Part Number.

J3 The Crop Number is to be constructed, in the first instance, by the Favoured Category Device.

J31 For the crops that are not covered by the Favoured Category Device, the Crop Number is to be constructed by the Alphabetic Device.

J32 For convenience the number made up of the Utility Number, the Part Number and the Crop Number may be termed the Full Crop Number.

## AGRICULTURE

An illustrative list of Full Crop Numbers is given in Schedule J of Part II for ready reference.

J40 In the case of most of the Farming Divisions two trains of characteristics are used for further subdivision.

J401 The symbols and the appropriate divisions based on each of these trains of characteristics are given under the respective Farming Class in Schedule J of Part II.

J402 The number corresponding to the first train of characteristics is to be placed immediately after the Farming Digit without a colon intervening.

J403 A colon is to separate the numbers corresponding to the two characteristics.

J41 The two trains of characteristics forming the basis of classification of the Farming Division '1 Soil' are Nature or 'N' and Operation or 'O'. The two trains of characteristics are to be taken in the order 'N', 'O'. The Number corresponding to these trains of characteristics may be termed the Nature Number and the Operation Number respectively.

J42 The two trains of characteristics forming the basis of classification of the Farming Division '2 Manure' are Substance or 'S' and Operation or 'O'. The two trains of characteristics are to be taken in the order 'S', 'O'. The Number corresponding to these trains of characteristics may be termed the Substance Number and the Operation Number respectively.

J43 The two trains of characteristics forming the basis of classification of the Farming Division '3 Propagation Methods' are Substance or 'S' and Operation or 'O'. The two trains of characteristics are to be taken in the order 'S', 'O'. The Number corresponding to these trains of characteristics may be termed the Substance Number and the Operation Number respectively.

J44 The two trains of characteristics forming the basis of classification of the Farming Division '4 Control of diseases and injuries' are Diseases or 'D' and Operation or 'O'. The two trains of characteristics are to be taken in the order 'D', 'O'. The Number corresponding to these trains of characteristics may be termed the Disease Number and the Operation Number respectively.

## AGRICULTURE

J45 In the case of the Farming Division '5 Crop Development' only one train of characteristics is used as the basis of classification.

J47 The two trains of characteristics forming the basis of classification of the Farming Division '7 Harvesting' are Material or 'M' and Operation or 'O'. The two trains of characteristics are to be taken in the order 'M', 'O'. The Number corresponding to these trains of characteristics may be termed the Material Number and the Operation Number respectively.

J471 The Material Number is ordinarily the number of the Part of the plant which is the dominant part in the Material. If two or more materials call for the same part number, the most widely used material is to have the bare part number and for the 2nd, 3rd, etc., materials the part number is to be amplified by the addition of the digits 1, 2, etc., respectively. If the amplifying number is in two or more digits, it is to be read as an integer and not as a decimal.

JA The Division JA is to represent Forestry.

JA0 The trains of characteristics to be used for JA Forestry are the same as those for the Main Subject J Agriculture with the exception that in the place of the first three trains of characteristics a single train of characteristic, *viz.* Tree or T is to be used. Thus, the Full Crop Number will be replaced by the Tree Number.

JA1 The Tree Number is to be got by the Alphabetic Device, using the commonly accepted English name of the tree.

JA10 Some Illustrative Tree Numbers are given in Schedule J of Part II.

## K ZOOLOGY

K0 Three trains of characteristics are to be used for the subdivision of Zoology, *viz.*, Natural group of Animals or 'N', Problem or 'P' and Organ or 'O'.

K01 The three trains of characteristics, forming the basis of classification of Zoology, are to be taken in the order 'N', 'P', 'O'.

K02 The Number corresponding to these trains of characteristics may be termed the Animal Number, the Problem Number and the Organ Number respectively.

K03 The symbols and the appropriate divisions on the basis of each of these trains of characteristics are given in Schedule K of Part II.

K1 It will be noticed that the Divisions '2' to '8' based on the train of 'N' characteristic are subdivisions of the Division '1 Invertebrates.'

K12 In Schedule K of Part II the divisions based on the train of 'N' characteristics are worked out only up to the sub-order stage. This subdivision may be carried still further up to the Family Stage, whenever necessary in an analogous manner. The tables given at the beginning of the volumes of *Cambridge natural history* may be used in constructing the Family Numbers.

K21 In case the Problem Number used is '12' or '18', the third train of characteristics to be used will be the Geographical and not the Organ. The geographical area which forms the subject-matter of the book is to be used to construct the Geographical Number.

K25 In case the Problem Division used is '5 Ecology' or any of its subdivisions, the Geographical characteristic may have to be used as the third train of characteristic, as in Rules G25 and G259. The Organ may be used as the basis of the fourth train of characteristic.

## L MEDICINE

L0 Three trains of characteristics are to be used for the subdivision of Medicine, *viz.*, Organ or 'O', Problem or 'P' and a third. The third train of characteristic will be different for the different classes based on the train of 'P' characteristic.

L01 The three trains of characteristics forming the basis of classification of Medicine are to be taken in the order 'O', 'P' and the third characteristic.

L02 The Numbers corresponding to the first two trains of characteristics may be termed the Organ Number and the Problem Number.

The name of the Number corresponding to the third characteristic will be given later in appropriate places.

L03 The symbols and the appropriate divisions on the basis of each of the trains of the characteristics are given in Schedule L of Part II.

L111 If a book deals with the special properties of the Cells or Tissues of a particular organ, the Number for 'Cells' or 'Tissues', as the case may be, may be amplified by the Auto-bias Device, the appropriate Organ Number being used as the Bias Number.

L113 The third to the eighth subdivisions of the Organ Number '1' are devoted to the regional divisions of the human body, whereas the Organ Numbers '2' to '8' are devoted to the functional divisions.

L1131 The parts of the functional organs within a regional organ may be indicated by amplifying the Regional Organ Number by the Auto-bias Device, the appropriate Functional Organ Number being used as the Bias Number.

For example, the bones of the thorax will have the Number L15—81. The arteries of the arm will have the number L16—337. Again the pigment of the face will have the number L181—875.

L12 In the case of the Organ Numbers '2' to '8', the Schedule gives certain subdivisions. Wherever further subdivision is required, the following convention may be adopted:—

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The first division may represent the walls or the coats. It may be further subdivided layer by layer, commencing from the outermost layer and ending with the innermost layer. The second subdivision may be used for the parts. The third subdivision may be used for the supports. The fifth subdivision may be used for the characteristic contents. The sixth subdivision may be used for the glands. The various glands may be indicated by 61, 62, 63, etc. The Gland Number amplified by the digit '5' may be taken to represent the secretion of the gland. If, however, the secretion studied is not of a single gland but of glands in general, its number is to be 605. The seventh subdivision may be used for the ducts leading from the organ. The eighth subdivision may be used for the orifices and the valves.

L13 In Schedule L of Part II, some of the subdivisions of the Organ Numbers '3', '6', '7' and '8' are followed by the remark '*to be divided locally*'. In such cases, the concerned Functional Organ Number is to be amplified by the Auto-bias Device, the Number of the organ served or forming the region of location of the functional organ in question being used as the Bias Number.

L23 The class obtained by applying the Problem Division '3 Physiology' to the Organ Division '55 Female genital organs' is of importance and has a vast literature. The class goes by the name of 'Obstetrics.' Hence special subdivisions of the Problem Number '3' have been given in Schedule L of Part II to be used in Obstetrics. It may also be remarked that the class obtained by applying the Problem Division '4 Diseases' to the Organ Division '55 Female organs' has the special name 'Gynæcology.'

L24 An illustrative list of specific diseases with their class numbers is given at the end of the subdivisions of the Problem Division '4 Diseases'. It can be seen from the list that the Class Number of any disease has, for its organ part, the Number of the organ which is the seat of primary affection or the focus of infection. The Class Numbers for other diseases are to be constructed along similar lines.

L241 "STEADMAN (Thomas Lathrop): *Practical medical dictionary*" and "OSLER (William): *System of medicine*" will be of use in constructing the class numbers for diseases.

L28 When the Problem Division is '8 Physical Fitness', (1) the first train of characteristics may be left unused, (2) the profession or occupation of the person examined may be taken as the third train of characteristics and numbered by the Subject Device and (3) the Organ examined may be taken as the fourth train of characteristics.

L340 The third train of characteristics to be used, when the Problem Class is '4 Diseases' or any of its subdivisions may be termed Handling or 'H'.

## MEDICINE

L3402 The Number corresponding to the train of 'H' characteristics may be termed the Handling Number.

L3403 The symbols and the appropriate divisions on the basis of the train of Handling characteristics are given in Schedule L of Part II.

It can be seen that the subdivisions of '62 Physiotherapy' are analogous to the subdivisions of the Main Class 'C Physics'. Similarly, '63 Pharmacotherapy' may be subdivided on the analogy of the divisions of the Main Class 'E Chemistry' based on the Substance characteristic.

L3522 The third train of characteristics to be used when the Problem Division is '522 State Control of Animals' is Animal or 'A'. The number corresponding to it may be termed Animal Number and it is to be constructed as in 'MK Veterinary Science'.

L3523 The third train of characteristics to be used when the Problem Division is '523 State Control of Food', '524 State Control of Poisons', '526 State Control of Medicine', and '573 Food' and its subdivisions is Substance or 'S'. The number corresponding to it may be termed Substance Number and it is to be constructed as in 'E Chemistry and 'F Technology'.

L3577 The third train of characteristics to be used when the Problem Division is '577 Clothing' is Material or 'M'. The number corresponding to it may be termed Material Number and it is to be constructed as in 'M7 Textiles'.

L36 The third train of characteristics to be used when the Problem Division is '6 Pharmacognosy' or any of its subdivisions is Substance or 'S'. The number corresponding to it may be termed Substance Number and it is to be constructed as in 'E Chemistry' and 'F Technology'.

L9 The number 'L9' is set apart for books that deal with special groups of persons, as can be seen from the subdivisions of 'L9' given in Schedule L of Part II. To make this possible, the number of divisions based on the train of Organ characteristic has been restricted to eight. As a result of this adjustment, all the books dealing with Medicine in general will have precedence over the books that specialise in special groups such as 'Children', 'Old people', and 'Inhabitants of tropics'.

L99 If a book relates to a special school of Medicine, the Subject Digit 'L' is to be amplified by the Chronological



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Device, before the Divisions based on the trains of 'O', 'P' and the third characteristic, if any, are applied to it. The Chronological Number is to be worked out to one digit only, the century of origin of the School being used as the epoch.

In Schedule L of Part II, 'LA' has been set apart for the Ayurvedic system, 'LB' for the Siddha system, and 'LC' for the Unani system—the three ancient systems current in India. The actual date of origin of these systems is not known. Hence, they have been taken arbitrarily in the order given. Any other systems that may be current elsewhere may also be fixed by the Chronological Device.

L998 An illustrative list of Classical works belonging to the Ayurvedic system is given at the end of Schedule L of Part II, with their Class Numbers worked out by the Classic Device.

## **M USEFUL ARTS**

M0 The Main Class 'M Useful Arts' is a miscellaneous class. Indeed it may be called a hold-all division. It is intended to accommodate all the arts and crafts, in fact, all the sciences and their applications which are not provided for in the Main Classes 'B' to 'L'.

M01 From these remarks it will be obvious that the division of 'M' can only be canonical. The first nine of its divisions have been obtained by the Favoured Category Device. All the other divisions are to be obtained by the Subject Device. It must be stated, however, that the Subject Numbers used in the Subject Device are slightly modified in certain cases. The modification is introduced to minimise the number of digits, care being taken that no ambiguity is likely to arise by such modifications. Several illustrative divisions by the Subject Device are given in Schedule 'M' of Part II. Further divisions may be formed along similar lines.

M02 Each of these divisions will admit of subdivision on the basis of one or more definite trains of characteristics. By way of illustration the rules and schedules for 'M7 Textiles' and 'MK Veterinary Science' are given. In the case of the other subjects, similar rules and schedules are to be constructed. The number of subjects is infinite. Further, it is only in recent years that any appreciable literature has begun to grow in these subjects.

### **M7 Textiles**

M70 Two trains of characteristics are to be used for the subdivision of Textiles, *viz.*, Material or 'M' and Problem or 'P'.

M701 The two trains of characteristics forming the basis of classification of Textiles are to be taken in the order 'M', 'P'.

M702 The Numbers corresponding to these trains of characteristics may be termed the Material Number and the Problem Number respectively.

M703 The symbols and the appropriate divisions on the basis of each of these trains of characteristics are given in Schedule M of Part II.

### **MK Veterinary Science**

The rules for the division of 'MK Veterinary Science' are similar to those for 'J Agriculture'. A few essential rules are given here. The others are to be adapted from the rules in Chapter J Agriculture.

## USEFUL ARTS

MK0 Four trains of characteristics are to be used for the subdivision of Veterinary Science, *viz.*, Utility or 'U', Part or 'P', Animal or 'A' and Veterinary or 'V'.

MK01 The four trains of characteristics forming the basis of classification of Veterinary Science are to be taken in the order 'U', 'P', 'A', 'V'.

MK02 The Number corresponding to these trains of characteristics may be termed the Utility Number, the Part Number, the Animal Number and the Veterinary Number respectively.

MK03 The symbols and the appropriate divisions on the basis of each of these trains of characteristics are given in Schedule M of Part II.

MK1 When the same animal (*e.g.* sheep) is shown in two or more utility divisions, a library may choose the division that is warranted by its collection and ignore the others.

MK40 In the case of most of the Veterinary classes, two trains of characteristics are to be used for further subdivision.

MK401 The symbols and the appropriate divisions based on each of these trains of characteristics are given under the respective Veterinary Divisions in Schedule M of Part II.

MK402 The number corresponding to the first train of characteristics is to be placed immediately after the Veterinary Digit without a colon intervening.

MK403 A colon is to separate the numbers corresponding to the two trains of characteristics.

MK41 The two trains of characteristics forming the basis of classification of the Veterinary Class '1 Feeding' are Substance or 'S' and Operation or 'O'. The two trains of characteristics are to be taken in the order 'S', 'O'. The Number corresponding to these trains of characteristics may be termed the Substance Number and Operation Number respectively.

MK42 In the case of the Veterinary Divisions, '2 Morphology' and '3 Physiology' only one train of characteristics *viz.* Organ or 'O' is to be used.

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MK421 The classes based on the train of Organ characteristics are the same as in the Main Class 'L Medicine'.

MK423 In the case of Obstetrics, a further train of characteristics, *viz.*, Secondary Problem or P is to be used. The divisions based on this train are the same as in the Main Class L Medicine with the exception that the initial digit '3' of their numbers is to be omitted.

MK44 The three trains of characteristics forming the basis of classification of the Veterinary Division '4 Diseases' are Organ or 'O', Disease or 'D' and Handling or 'H'. The three trains of characteristics are to be taken in the order 'O', 'D', 'H'. The Number corresponding to these trains of characteristics may be termed the Organ Number, Disease Number and Handling Number respectively.

MK441 The divisions based on these three trains of characteristics are the same as in the Main Class 'L Medicine', with the exception that the initial digit '4' of the Disease Numbers is to be omitted.

MK45 The trains of characteristics forming the basis of Veterinary Divisions '5 Hygiene' and '6 Pharmacognosy' are the same as those for the corresponding Problem Divisions of the Main Class 'L Medicine'.

MK47 The trains of characteristics forming the basis of classification of the Veterinary Division '7 Materials' are the same as those for the Farming Division '7 Materials' of the Main Class 'J Agriculture'. The classes based on these trains are also similar.

## △ SPIRITUAL EXPERIENCE AND MYSTICISM

As the Main Class '△ Spiritual Experience and Mysticism' occurs here for the first time in any printed scheme of classification, its connotation may first be indicated.

It is possible for any class of knowledge to be presented from an occult or mystical point of view.

To call such an exposition 'irrational' may violate the Canon of Reticence, for the terms 'rational' and 'irrational' refer to the plane of intellection whereas mystic, occult and spiritual experiences do not belong to the sphere of intellectual apprehension at all but are said to involve some kind of direct (trans-intellectual) insight.

Little, no doubt, is generally known about the nature or modes of such mystical apprehension; and its validity and even existence are often questioned. But it is not for the classifier to take sides in a controversy. He is simply concerned to separate literature based on sense-experience and intellection from that presuming or using trans-intellectual apprehension. In India such a distinction is traditionally recognised. Exposition based on intellection is called *kartriantra* (experimental, analytical study of things in their phenomenal modes); and *vastutantra* (global, holistic study of thing-in-itself) is exposition based on illumination.

The Main Class  $\Delta^*$  is to hold the latter. All ordinary (non-mystical) expositions are accommodated in the Main Classes A to Z. A mystical, occult or spiritual exposition of any subject—say E Chemistry—is referred to the Main Class  $\Delta$ —and individualised as  $\Delta E$ . In other words,  $\Delta$  is to be amplified by the Subject Device to accommodate mystical exposition of specific subjects.

### Examples:

Friend's *Monograph on the chemistry of gold* belongs to the Class E1:118.

But Kolisko's *Gold and the sun* is to be classed as  $\Delta E1:118$ .

Jones's *Problems of civilisation* (American social science series) treats of civilisation on the ordinary intellectual basis and belongs to the Class Y1:1.

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\* Since the Arabic numerals and the Roman alphabet had already been exhausted a new symbol had to be found for this new Main Class. The  $\Delta$  of age-long mystical significance naturally suggested itself. Its standing outside the formal series of the other symbols fittingly represents the irresolvable nature of all it stands for.

## △ SPIRITUAL EXPERIENCE AND MYSTICISM

But Ernest Wood's *Seven rays* which expounds the same subject from an occult point of view belongs to the Class  $\Delta Y1:1$ .

The creation of the Main Class  $\Delta$  thus implies the division of the whole library into two parallel sequences to which, however, N Fine Arts, O Literature and Q Religion are common. This overlapping corresponds with facts; for fine arts, literature and religion represent the cross-roads or point of fusion between direct (mystical) and mediated (sensory, intellectual) modes of experience and expression. It is by no means easy to separate the books of these overlapping classes into  $\Delta$  and non- $\Delta$  without infringement of the Canon of Consistency. We shall therefore adopt the following convention.

1. No book that has a claim to be classed as N or O or Q should ever be classed as  $\Delta$ ; and hence

2. Numbers like  $\Delta N$ ,  $\Delta O$ ,  $\Delta Q$  are inadmissible.

Rule 024 has defined the ordinal value of  $\Delta$  as lying between those of M and N. Thus  $\Delta$  stands between the thirteen sciences and their applications (A to M) on the one hand and the thirteen humanities (N to Z) on the other.

The words used by General Smuts to define the position of a new discipline which he calls Personalogy will with a slight modification apply with equal force to the position assigned to the Main Class  $\Delta$ :

Its province falls within a large debatable territory between science and philosophy, between theory and practice, which has been very little explored and is still *terra incognita* to all intents and purposes. Its difficulties are immense; from that wide and wild No Man's Land between sciences and humanities it rises like some forbidding mountain peak into the heavens; and no daring spirit except the Mystics, the Seers and Rishis has yet ventured to approach it, let alone to scale its dizzy heights. But beyond a doubt it is going to occupy a foremost place in the attention of even the ordinary inquirers in future. And the time may come when the Main Class  $\Delta$  may be the very keystone of the arch, and serve to complete the full growing circle of organised human knowledge. It will then synthesise all sciences and humanities and become the basis of a truer spiritual outlook than we can possibly have in the ignorance and confusions of our present state of knowledge.

That time is not yet; but it may be ventured to hope that the assignment of a proper place to the Main Class  $\Delta$  in the map of knowledge such as has been attempted here will help to direct attention to what is undoubtedly one of the greatest and most potential fields for cultivation.

$\Delta 0$  Three trains of characteristics are to be used for the subdivision of Spiritual Experience and Mysticism, *viz.*, Religion or 'R', Problem or 'P' and Entity or 'E'.

## △ SPIRITUAL EXPERIENCE AND MYSTICISM

△01 The three trains of characteristics forming the basis of classification of Spiritual Experience and Mysticism are to be taken in the order 'R', 'P', 'E'.

△02 The number corresponding to these trains of characteristics may be termed the Religion Number, the Problem Number and the Entity Number respectively.

△03 The symbols and the appropriate classes on the basis of each of these trains of characteristics are given in Schedule △ of Part II.

△1 It may be observed that the classes based on the train of 'R' or Religion characteristics are mnemonic with those of the Main Class 'Q Religion' based on the train of 'R' or Religion characteristics.

While religious distinctions cease to exist after illumination, religious traditions are believed to be a source of stimulus up to illumination. Hence the prescription of the train of Religion characteristics. Perhaps readers also would prefer the resulting grouping of mystic literature on a religious basis.

△2 Most of the classes grouped under the label 'S8 Metapsychology' in the first edition of this book following the prevailing tradition are now placed in the Problem Class '8 Occultism', of △ along with other occult practices like Astrology and Palmistry.

△3 The classes enumerated in the train of 'E' or Entity characteristics are those that figure most in books on mysticism and occultism. As an illustration of the formation of the number for a class which is fairly rich in literature, mention may be made of "△:8:16 Psychological research and spiritualism".

△8 Lives of mystics and realised persons are to be amplified by *y7* and not *w*. (*Vide* Rule 2*w*2.).

△9 △ is to be amplified by the Subject Device to accommodate mystical or occult expositions of specific subjects except Fine Arts, Literature and Religion.

*Vide* introduction to this chapter for explanation and examples.

## N FINE ARTS

N0 As the Main Class 'M Useful Arts', the Main Class 'N Fine Arts' also is a big class though not as big as 'M'. It is also first divided on canonical lines. Each of the canonical divisions will admit of subdivision on the basis of one or more definite trains of characteristics.

N01 In the case of most of the canonical divisions, the first train of characteristics to be used is Style or 'S'.

N02 The Number corresponding to this train of characteristics may be termed the Style Number.

N03 The Style Number is to consist of two parts—the Geographical Number and the Chronological Number.

N031 The country or the geographical area where the style was originated is to be used to construct the Geographical Number.

N032 A colon is to be put after the Geographical Number.

N0320 The Chronological Number is to be worked out to one digit only, the approximate century in which the style was originated being used as the epoch.

N0321 A colon need not be put after the Chronological digit.

The *Encyclopaedia Britannica* or any good book on the history of Fine Arts concerned will be of help in constructing the Style Number. In the case of non-descript styles, which are not at all localised, naturally there will be no Style Number and a colon is to be put after the number representing the canonical division. In the case of non-descript styles peculiar to a definite country or geographical area, the Style Number will consist only of the Geographical Number but will not contain the Century digit. In that case the colon after the Geographical Number is however to be retained.

It may be remarked here that as a result of this arrangement and of the fact that the first digit of the number based on the second characteristic is invariably an Arabic numeral, in the case of each Fine Art, the general non-descript styles will come first. In the case of localised styles, with any given Geographical Number, the non-descript styles will come first and the specific styles originated in different periods and times will come in the proper chronological order.



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The divisions on the basis of the further trains of characteristics have been worked out only in the case of certain canonical divisions. They are to be worked out on similar lines in the case of the others.

N04 It has been stated already that non-descript non-localised styles need not be given the Geographical Number. Advantage is taken of this, to utilise the digit '1', which would otherwise represent 'World', for the 'Technique' of the Fine Art. Thus 'N11' will represent the Technique of architecture; 'N21' the Technique of sculpture; 'N51' the Technique of painting; and so on.

N08 $x$  The Common Subdivision Digit  $x$  is to hold illustrations of the Fine Arts concerned.

N08 $x$ 1 The digit  $x$  is to be amplified in the usual way (*Vide* Rule 2 $x$  of Chapter 2 of this Part).

### N1 Architecture

N10 Three trains of characteristics are to be used for the subdivision of Architecture, *viz.*, Style or 'S', Utility or 'U' and Part or 'P'.

N101 The three trains of characteristics forming the basis of classification of Architecture are to be taken in the order 'S', 'U', 'P'.

N102 The Numbers corresponding to these trains of characteristics may be termed the Style Number, the Utility Number and the Part Number respectively.

N103 The symbols and the appropriate divisions on the basis of the two latter trains of characteristics are given in Schedule N of Part II.

N11 Some Style Numbers are also given as illustrations.

N12 The Utility Numbers are first worked out by the Favoured Category Device and the digit '9' is used for other buildings, that is, for those not represented by the Favoured Category Device. This digit is to be divided by the Subject Device.

The number got by the Favoured Category Device represents special classes of buildings and it may be further subdivided in a suitable manner. Such further subdivision has been illustrated in Schedule N of Part II, in the case of the numbers '2', '3' and '4'. The divisions of the number '9' by the Subject Device makes the Schedule of Utility Numbers highly hospitable. Some examples may be given here:—900 Physics laboratories; 9F182 Steel factories; 9L614 Hospitals; 9M14 Printing press; 9M7 Textile factories; 9NS Music halls; 9Q2 Hindu

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temples; 9Q6 Churches; 9Q7 Mosques; 9T Educational buildings; 9T4 University buildings; 9W023 Parliamentary buildings; 9W026 Municipal offices.

### N2 Sculpture

N20 Three trains of characteristics are to be used for the subdivision of Sculpture, *viz.*, Style or 'S', Material or 'M' and Figure or 'F'.

N201 The three trains of characteristics forming the basis of classification of Sculpture are to be taken in the order S', 'M', 'F'.

N202 The Numbers corresponding to these trains of characteristics may be termed the Style Number, the Material Number and the Figure Number respectively.

N203 The symbols and the appropriate divisions on the basis of each of the two latter trains of characteristics are given in Schedule N of Part II.

### N3 Engraving

The Schedule gives only the canonical divisions of 'Engraving'. Each of these divisions may be subdivided on the basis of one or more definite characteristics.

### N5 Painting

N50 Three trains of characteristics are to be used for the subdivision of Painting, *viz.*, Style or 'S', Material of Surface or 'M' and Figure or 'F'.

N501 The three trains of characteristics forming the basis of classification of Painting are to be taken in the order 'S', 'M', 'F'.

N502 The Numbers corresponding to these trains of characteristics may be termed the Style Number, the Material of Surface Number and the Figure Number respectively.

N503 The symbols and the appropriate divisions on the basis of each of the two latter trains of characteristics are given in Schedule N of Part II.

### N8 Music

N80 Three trains of characteristics are to be used for the subdivision of Music, *viz.*, Style or 'S', Instrument or 'I' and Music or 'M'.

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N801 The three trains of characteristics forming the basis of classification of Music are to be taken in the order 'S', 'I', 'M'.

N802 The Numbers corresponding to these trains of characteristics may be termed the Style Number, the Instrument Number and the Music Number respectively.

N803 The symbols and the appropriate divisions on the basis of each of the two latter trains of characteristics are given in Schedule N of Part II.

## P LINGUISTICS

P0 Four trains of characteristics are to be used for the subdivision of Linguistics, *viz.*, Language or 'L', Stage or 'S', Problem or 'P' and Element or 'E'.

P01 The four trains of characteristics forming the basis of classification of Linguistics are to be taken in the order 'L', 'S', 'P' 'E'.

P02 The Number corresponding to these trains of characteristics may be termed the Language Number, the Stage Number, the Problem Number and the Element Number respectively.

P03 The symbols and the appropriate divisions of the Language Number are given in Schedule 4 of Part II. The symbols and divisions based on each of the other trains of characteristics are given in Schedule P of Part II.

P10 If a book treats of a variant of the language such as a dialect or a slang or a jargon, the Language Number is to be amplified by the addition of the appropriate Number taken from the list of Variants given in Schedule P of Part II.

P100 If, however, the variant treated of belongs more appropriately to a specific stage of the language, the number corresponding to the variant may be put after the Stage Number.

P101 If the book treats of a specific dialect peculiar to a definite geographical division, the Dialect Number may be further amplified by the addition of the Geographical Number appropriate to the area in which it is current.

P105 After the Jargon Number, put successively the Geographical Number and Century Number (if necessary) corresponding to the place and period of the jargon.

P20 The Stage of the language which forms the subject-matter of the book is to be indicated by the Chronological Device. The Chronological Number is to be worked out to

## LINGUISTICS

one digit and the century of the commencement of the Stage is to be used as the epoch.

By way of illustration and for convenience of reference, the Stages of some of the languages are given in Schedule P of Part II.

P20A In the case of Vedic Sanskrit books dealing with the grammar of a single Veda, the stage digit 'A' is to be preceded by a number, the first digit representing the Veda and the later digits, the recension concerned. If a book deals with more than one recension of a Veda the second digit or the Recension digit as it may be called is to be zero. The Veda digit and the Recension digit are to be taken from Schedule Q of Part II.

P21 A colon need not be put after the Stage Number.

Since by rule P20 the Stage Number will always consist of a single digit only, no ambiguity is likely to arise by not inserting the colon.

P24 If the Problem Number is '4' or '5' or a subdivision of '5' and if the Element Number is '3', the Element Number and the colon preceding it may be omitted.

This is to economise in notation. Since most of the dictionaries will have the Problem Number '4' and the Element Number '3' and since dictionaries are books that are frequently used, the idea is that the number in such cases should be made as short as possible. Care has also been taken to see that no ambiguity should arise as a result of this special provision.

It may be asked whether an Element Number other than '3' is, likely to follow the Problem Number '4'. The answer is 'yes'. Take for example, a Dictionary of Phrases, or a Dictionary of Idioms, or a Dictionary of Proverbs. In these cases, the Element Number will be '4', '5' and '6' respectively.

P7 A dictionary of Special Terms used in particular sciences or subjects is to be placed in the sciences or the subjects concerned and its number is to be amplified by the Last Octave Principle. That is, a colon is to be put after the number representing the particular science or subject and thereafter P followed by the number of the language concerned is to be added.

P77 In the case of surnames, the dictionary is to be placed in the generalia class 7.

P7U In the case of place-names, the dictionary is to be placed in the Main Class U.

### P8 Special Notes on Common Subdivisions

P8. In addition to and in slight modification of the common subdivisions given in Schedule 2 of Part II and explained

## LINGUISTICS

in Section 2 of Part I, the following special common subdivision may be used in subdividing the classes in Linguistics:—

*z* Comparative study; Historical study; or Genetic study.

**P8*k*** In the case of ordinary dictionaries giving the meaning of words, phrases, idioms and proverbs, the language part of the Book Number is to represent the language in which the meaning is given or the first of the languages, if the meaning is given in two or more languages.

**P8*z*** If the main purpose of a book is that of giving not a descriptive account but a comparative account, its class number is to be worked out to the fullest extent, otherwise appropriate, and must then be amplified by the addition of the digit *z*.

**P8*z*1** If particularly necessary, the digit *z* may be further amplified by the chronological device, the epoch used being the latest century or decade up to which the study is brought in the book.

This rule will be particularly applicable in the case of books dealing with the paleography of particular epochs.

### **P9 The Devices**

**P95** An illustrative Classic Device List is given in Schedule P of Part II for Sanskrit, Tamil, Kanarese and Telugu.

## Q RELIGION

Q0 Two trains of characteristics are to be used for the subdivision of Religion, *viz.*, Religion or 'R' and Problem or 'P'.

Q01 The two trains of characteristics forming the basis of classification of Religion are to be taken in the order 'R', 'P'.

Q02 The Numbers corresponding to these trains of characteristics may be termed the Religion Number and the Problem Number respectively.

Q03 The symbols and the appropriate divisions on the basis of each of these trains of characteristics are given in Schedule Q of Part II.

Q101 In any major Religion, the sects that have their own special religious practices and institutions are to be shown as the subdivisions of the major Religion.

For example, the different Vedas and their respective sakhas are shown in Schedule Q of Part II as successive subdivisions of '1 Hinduism (Vedic)'. So also the different Vaishnavite, Saivite, etc, sects, which have specialised sacred books, rituals and organisations, have been shown as subdivisions of '2 Hinduism (Post-Vedic)'. So also in the case of Jainism, Buddhism, Christianity, Muhammadanism, etc. The sects are as far as possible indicated by the Favoured Category Device. The digit '8' is to be used for 'Other sects' and amplified by the Chronological Device as provided in Rule Q18.

Q18 The Religion Division '8 Other religions' is to be subdivided by the Geographical Device, the country in which the Religion originated being used to construct the Geographical Number. If there are more than one 'Other religions' which originated in one and the same country, they are to be individualised by the Favoured Category Device and the additional ones by the Chronological Device, the Chronological Number being worked out to two digits and the year of foundation of the Religion being used as the epoch. The digit '8' is to be used and amplified by the Chronological Device

## RELIGION

(worked out to two digits only) for indicating 'Other sects' of major religions.

The Geographical Number for a country is either of two digits or of three digits if '9' is the second digit. Advantage is taken of this fact in not putting a colon after the Geographical Number.

Q201 "FARQUHAR (J. N.): *Outline of the religious literature of India*" may be usefully consulted in finding out the Sacred Books, the Theological Works, etc., relating to the Religion Divisions '1' to '4' and their subdivisions. But this book gives also the purely philosophical treatises of the Indian Schools of Philosophy. Hence, care must be taken not to bring such philosophical books into the Main Class 'Q Religion'.

Q21 It may be explicitly stated that the *Sthalapuranas* of India are to be accommodated in the Problem Division '38', this number being amplified by the Geographical Device, using the Geographical Number of the locality treated in the book but omitting the initial digit or digits representing the whole of India.

Q211 It should also be remembered that during the last three centuries, many poems, particularly Tamil ones have used *Sthalapuranas* as themes. These should be classed in poetry and not in Religion.

Q22 The Sacred Books of different Religions are likely to fall into different groups. In Schedule Q of Part II, the divisions for some religions are given by way of illustration. The digit '2' is to be subdivided similarly for other Religions. If the Sacred Books do not fall into any such groups, the subdivisions of '2' may be constructed in the same manner as the Work Number in the Main Class 'O Literature'.

Q224 There are said to be innumerable *Tantras* belonging to Saktatism and Buddhism. Several of them are now being printed. But there is no authentic or agreed list of them. Hence it may be well to individualise them in the way in which Work Numbers are constructed in the Main Class 'O Literature' assuming that the number of *Tantras* exceeds 64, i.e., working on a three-digit basis.

Q23 It may be remarked that books on the Theology of a Religion are likely to contain philosophical matter. One should not be misled by this fact to place such theological books in the Main Class 'R Philosophy'. Only a book that treats exclusively of the philosophical aspect of the Theology of a Religion is to be put in 'R3 Metaphysics' and further subdivided by the Subject Device as provided for in the rules for the subdivision of 'R3 Metaphysics'.



## R PHILOSOPHY

R0 It is not possible to enunciate any relevant characteristics which may be made the basis of classification of Philosophy as a whole. In fact, we have to divide, in the first instance, along canonical lines. Some of the canonical divisions admit of classification on the basis of definite and appropriate characteristics. The ninth subdivision of each division is usually reserved for special topics about which some considerable literature exists. The terms used in Philosophy are very elusive. Many shades of differences are discernible in the use of the same terms by different philosophers. Baldwin's *Dictionary of philosophy and James Hastings' Encyclopaedia of religion and ethics* may be of use in deciding the appropriate Class Numbers of books in Philosophy.

### R3 Metaphysics

R30 Two trains of characteristics are to be used for the subdivision of Metaphysics, *viz.*, View or 'V' and Subject or 'S'.

R301 The two trains of characteristics forming the basis of classification of Metaphysics are to be taken in the order 'V', 'S'.

R302 The Numbers corresponding to these trains of characteristics may be termed the View Number and the Subject Number respectively.

R303 The symbols and the appropriate divisions on the basis of the train of 'V' characteristics are given in Schedule R of Part II. The Numbers corresponding to the 'S' characteristics are to be constructed by the Subject Device.

### R4 Ethics

R40 Two trains of characteristics are to be used for the subdivision of Ethics, *viz.*, Problem or 'P' and Controlling or 'C'.

R401 The two trains of characteristics forming the basis of classification of Ethics are to be taken in the order 'P', 'C'.

R402 The Numbers corresponding to these trains of characteristics may be termed the Problem Number and the Controlling Element Number respectively.

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R403 The symbols and the appropriate divisions on the basis of the train of 'P' characteristics are given in Schedule R of Part II. The Numbers corresponding to the train of 'C' characteristics based on the Favoured Category Device are given in Schedule R of Part II, while the others are to be constructed by the Subject Device.

For example, Family Ethics of Hindus will be R42:Q2; treatment of animals according to Jains will be R47:Q3; if a book deals with Ethics as determined by sociological considerations, its number will be R4:Y1; on the other hand, a book that deals with Ethics as determined by statutory laws will be R4:Z.

### R6 Indian Philosophy

R60 The division 'R6' has been set apart for Indian Philosophy. So also the division 'R7' may be set apart for any other system or school of philosophy in which the library specialises. For other Philosophical Systems peculiar to different countries, the division 'R8' is set apart, the number 'R8' being amplified by the Geographical Number representing the country concerned. This Geographical Number will ordinarily be of two digits and if it is of three digits, the second digit will be 9. Hence a colon need not be put after the Geographical Number.

R601 Special places have been given for Indian Philosophy as there is a considerable amount of literature on it. But it is open to libraries whose collections are different, to use 'R6' and 'R7' for such Philosophical Systems as are represented most in their collections.

R602 We have to divide Indian Philosophy along canonical lines only.

R62 The literature in Indian Philosophy abounds in classical treatises with a long hierarchy of commentaries and sub-commentaries. Hence a fairly long illustrative list of divisions by the Classic Device is included in Schedule R of Part II.

R65 The books in the Divisions 'R65' to 'R68' fall into two classes, *viz.*, those that are direct expositions and those that take the form of a commentary on certain basic texts.

R650 In the case of books that take the form of commentaries on basic texts, a second train of characteristics is to be used, *viz.*, Basic Text or 'B' characteristic.

R651 The first four divisions corresponding to the train of 'B' characteristic represent the Upanishads relating respectively to the Four Vedas and their different Sakhas, the numbers for the Vedas or their Sakhas, as the case may be, as given in Schedule Q of Part II, constituting the Basic Text Number.

## PHILOSOPHY

R655 The other divisions corresponding to the 'B' characteristic will be as follows:—'5 Brahmasutra'; '6 Bhagavad Gita'; '7 Bhagavata Purana'; '8 Mahabharata' and its parts; '9 Other Texts'.

It may be stated here that the Basic Text part should be separated by a colon from the preceding part of the Class Number.

## S PSYCHOLOGY

S0 Two trains of characteristics are to be used for the subdivision of Psychology, viz., Entity or 'E' and Problem or 'P'.

S01 The two trains of characteristics forming the basis of classification of Psychology are to be taken in the order 'E', 'P'.

S02 The Number corresponding to these trains of characteristics may be termed the Entity Number and the Problem Number respectively.

S03 The symbols and the appropriate divisions on the basis of each of these trains of characteristics are given in Schedule S of Part II.

S1 The terms used in the divisions based on the train of 'E' characteristics require some explanation. The following gives a rough indication of the denotation of these terms.

S11 The term *child* is to be given the second meaning given in the Oxford Dictionary, namely, "a young person of either sex below the age of puberty", i.e., below fourteen years in the case of a male and twelve years in the case of a female. The class '11 New Born' is to include children below eight months. The class '12 Toddler' is to include children between eight months and one year. The class '13 Infant' is to include children under seven years of age. The class '15 Pre-adolescent' is to include children above seven years but below the age of puberty.

S12 The class '2 Adolescent' is to include males between the years fourteen and twenty-five and females between the years twelve and twenty-one.

S14 The Division '4 Vocational' is to include classes of persons belonging to different vocations and this may be subdivided by the Subject Device.

S16 The connotation of the class '6 Abnormal' is indicated by its subdivisions.

S17 The Division '7 Race' may, wherever necessary, be subdivided by the Geographical Device or as in Y1 Sociology. The country or the geographical area with which the Race is primarily associated is to be used to construct the Geographical Number.

## PSYCHOLOGY

S18 The Division '8 Social' is to be used to indicate a collection or group of human beings as such.

S22 The Problem Number '2' and its subdivisions may be subdivided on the basis of the train of Point-of-View or the 'V' characteristics. The Number corresponding to this train of characteristics may be termed the Point-of-View Number. The symbols and the appropriate divisions based on this train of Characteristics are given in Schedule S of Part II.

S23 The Problem Number '3' and its subdivisions may also be subdivided on the basis of the train of Point-of-View or the 'V' characteristics, mentioned in Rule S22.

S99 If a book deals with a psychological problem from the point of view of a specific School of Psychology, the Main Class Digit 'S' is to be amplified by the Chronological Device before the Divisions based on the trains of 'E' and 'P' characteristics are applied to it. The Chronological Number is to be worked out to three digits, the year of the first publication of an authentic exposition of the School being used as the epoch.

The amplified digit 'S' for some Schools of Psychology are given by way of illustration at the end of Schedule S of Part II.

As a result of this Rule, books on the ordinary theory of Psychology will come first, of course classified in all possible ways. Then the books dealing with particular Schools, classified among themselves in all possible ways, will come in successive chronological order.

## T EDUCATION

T0 Two trains of characteristics are to be used for the subdivision of Education, *viz.*, Educand or 'E' and Problem or 'P'.

T01 The two trains of characteristics forming the basis of classification of Education are to be taken in the order 'E', 'P'.

T02 The Number corresponding to these trains of characteristics may be termed the Educand Number and the Problem Number respectively.

T03 The symbols and the appropriate divisions on the basis of each of these trains of characteristics are given in Schedule T of Part II.

T1 It may be observed that the divisions of the Main Class 'T Education' based on the train of 'E' characteristics are mnemonic with the divisions of the Main Class 'S Psychology' based on the train of 'E' characteristics.

T20 The Problem Division '2 Schools of Education' is to be divided by the Chronological Device. The Chronological Number is to be worked out to three digits, the year of the first publication of an authentic exposition of the School being used as the epoch.

The subdivision of '2' for some Schools of Education are given by way of illustration in Schedule T of Part II.

T221 Any of the subdivisions of the problem division '2' may be further subdivided, whenever necessary, by the Auto-Bias Device.

A dash need not however, be put between the Chronological Number amplifying the Problem Digit '2' and the Bias Number. As the Chronological Number will always consist of three digits no ambiguity is likely to arise by not inserting the dash.

T23 The Problem Number '3 Teaching Technique' may be subdivided by the Subject Device with the modification given under Problem Number '3' of Schedule T of Part II.

## EDUCATION

The bare digit '3' is to be used for books which deal with the teaching of more than one subject. In the case of books dealing with specific subjects, the Number for the subject is to be added after the digit '3' without a colon intervening.

T34 Such of the subdivisions of the Problem Division '4 Organisation', as may admit of it, may be further subdivided on the basis of the train of Subject or S characteristics, the divisions on the basis of this train being obtained by the Subject Device.

T8*u* The Class Numbers of books which give a descriptive account of education or any particular aspect of education in specific geographical areas at a particular time are to be amplified by the Common Subdivision digit *u*, which itself is to be amplified as usual.

T8*v* The Class Numbers of books which trace the history of education or of any particular aspect of education through a stretch of time are to be amplified by the Common Subdivision digit *v*, which itself is to be amplified as usual.

## U GEOGRAPHY

U0 Three trains of characteristics are to be used for the subdivision of Geography, *viz.*, Problem or 'P', Geographical or 'G' and Chronological or 'C'.

U01 The three trains of characteristics forming the basis of classification of Geography are to be taken in the order 'P', 'G', 'C'.

U02 The Numbers corresponding to these trains of characteristics may be termed the Problem Number, the Geographical Number and the Chronological Number respectively.

U03 The symbols and the appropriate divisions on the basis of the train of Problem characteristics are given in Schedule U of Part II.

The term 'Geography' is a very elusive one. According to the *Encyclopaedia Britannica*, it is a synthetic science. "The characteristic task of geography is to investigate the control exercised by the forms and vertical relief of the surface of the lithosphere directly or indirectly on the various mobile distributions". The big Oxford Dictionary defines it as "The Science which has for its object the description of the earth's surface, treating of its form and physical features, its natural and political divisions, the climate, productions, population, etc., of the various countries."

Accordingly we have included in the Problem Divisions of Geography, Mathematical Geography, Physical Geography, Bio-Geography, Anthro-Geography and Economic Geography. We have also included the Science of Meteorology. Another feature of the problem classes is that 'Travels' forms one of them. As has been already stated in the commentary on Rule 2a1 of Chapter 2, it is only General Travel books that are to be accommodated in this division.

U3 The third train of characteristics namely, the train of Chronological characteristics, may not be applicable in all cases. But, it will certainly be applicable when the Problem Number is '6' or '8'. In all such cases, it may be sufficient to work out the Chronological Number to two digits. The latest period of time covered is to be used as the epoch in constructing the Chronological Number.



## W POLITICAL SCIENCE

W0 Two trains of characteristics are to be used for the subdivision of Political Science, *viz.*, Type of State or 'T' and Problem or 'P'.

W01 The two trains of characteristics forming the basis of classification of Political Science are to be taken in the order 'T', 'P'.

W02 The Numbers corresponding to these trains of characteristics may be termed the Type Number and the Problem Number respectively.

W03 The symbols and the appropriate divisions on the basis of each of these trains of characteristics are given in Schedule W of Part II.

W2 It will be observed that the Problem Classes of 'W Political Science' are quite parallel to the Problem Classes of 'V History'. A reference may be made to the commentary 822 of Chapter 8 of this Part, with regard to the line of demarcation between 'V History' and 'W Political Science'.

## X ECONOMICS

X0 Four trains of characteristics are to be used for the subdivision of Economics, *viz.*, Business or 'B', Economic or 'E', Geographical or 'G' and Chronological or 'C'.

X01 The four trains of characteristics forming the basis of classification of Economics are to be taken in the order 'B', 'E', 'G', 'C'.

X02 The Numbers corresponding to these trains of characteristics may be termed the Business Number, the Economic Number, the Geographical Number and the Chronological Number respectively.

X03 The symbols and the appropriate divisions on the basis of each of the first two trains of characteristics are given in Schedule X of Part II.

X14 'Transport' occurs both in the Business Train and in the Economic Train. In the former, books on the business of 'Transport', as such, are to be accommodated while the latter is to hold only books that deal with the process of the actual transport of specific commodities, involving, as it does, the details indicated under the Problem Division '4' in Schedule X of Part II.

X17 The Business Division '7' and its subdivisions may not admit of all the General Problem Divisions given in Schedule X of Part II. Hence a special Schedule of Problem Divisions applicable to the business Division '7' and its subdivisions is given at the end of the General Problem Divisions in Schedule X of Part II.

X29 'Labour' is given as an independent Problem Division and not included in the Problem Division '8 Management' as the Labour problem is a vast one and appears to have an independence of its own. The problem Division '82 Employees' is therefore to hold only books on the employees other than 'Labour', that is, the specially skilled workers and the intellectual workers.

X3 A book, that deals with the Science of Economics but does not deal with an account of any specific economic problem in any particular geographical area, will not, of course, admit of division on the basis of the 'G' and 'C' characteristics. In this connection a reference may also be made to the commentary 823 of Chapter 8 of this Part with regard to the convention about the distinction between Economics and Economic History.

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X4 If the Geographical characteristic is used, the Chronological characteristic also must be used. Ordinarily it may be sufficient to work out the Chronological Number to two digits. The Geographical Number and the Chronological Number are to be separated by a colon.

X8 Notwithstanding anything to the contrary contained in Rule 23 of Chapter 2 of this Part, in the case of books falling in the Main Class 'X Economics', if a bare or amplified Common Subdivision Number is to be applied, classification on the basis of the trains of 'G' and 'C' characteristics and these trains of characteristics are to be omitted.

*Vide* Commentary on Rule 88.

X8e Books on weights and measures are to be given the class number X:5e.

X9 When the Economic Number is '5' or any of its subdivisions, the Geographical Number may be amplified by the Bias Number Device, using for the Bias Number the number for the geographical area with which commerce is conducted. If there be two or more such areas, the number for the first of them is to be used.

X99 If a book deals with an economic problem from the point of view of a specific Type of Economic Organisation, the Subject Digit 'X' is to be amplified by the Chronological Device before the divisions based on the trains of 'B', 'E', 'G' and 'C' characteristics are applied to it. The Chronological Number is to be worked out to three digits, the year of the first publication of an authentic exposition of the Type of Organisation being used as the epoch.

The amplified digit 'X' for some Types of Organisation are given by way of illustration at the end of Schedule X of Part II.

As a result of this Rule, books belonging to the ordinary capitalistic Type of Organisation will come first, of course classified in all possible ways. Then the books belonging to the particular Types of Organisation such as 'Co-operative' and 'Communistie' (classified among themselves in all possible ways) will come in successive chronological order.

## **Y OTHER SOCIAL SCIENCES**

The Main Classes 'S' to 'X' and 'Z' represent the major Social Sciences. To make the divisions of Social Sciences totally exhaustive, the Main Class 'Y Other Social Sciences' is introduced. It plays the same role with reference to the Social Sciences as the Main Class 'M Useful Arts' does with reference to the Applications of Sciences.

Further, this Main Class may also be looked upon as a Generalia Class for the Social Sciences. In fact, any Generalia book dealing with Social Sciences only is to be given the Class Number 'Y', while Y1, Y2, etc., will represent specific Social Sciences, not already provided for in the other Subject Divisions.

It may be stated here that the Schedule Y of Part II deals only with 'Y1 Sociology'. As need arises, Y2, Y3 may also be set apart for other definite Social Sciences that may take shape.

### **Y1 Sociology**

Y10 Five trains of characteristics are to be used for the subdivision of Sociology, *viz.*, Group of 'G', Problem or 'P', Secondary Problem or S, Geographical or Gg and Chronological or C.

Y101 The five trains of characteristics forming the basis of classification of Sociology are to be taken in the order 'G', 'P', 'S', 'Gg', 'C'.

Y102 The Numbers corresponding to these trains of characteristics may be termed the Group Number, the Problem Number, the Secondary Problem Number, the Geographical Number and the Chronological Number respectively.

The Secondary Problem Number is called Handling Number when applied to Problem Divisions 4 and 5.

Y103 The symbols and the appropriate divisions on the basis of the first three trains of characteristics are given in Schedule Y of Part II.

Y117 The Group Division 7 and its subdivisions are to hold the class Anthropology and Ethnology.

Y18 Notwithstanding anything to the contrary contained in Rule 23 of Chapter 2 of this Part, in the case of books fall-

## OTHER SOCIAL SCIENCES

ing in Class 'Y1 Sociology' the bare or amplified Common Subdivision Number is to be applied before classification on the basis of the trains 'Gg' and 'C' characteristics and these trains of characteristics are to be omitted.

*Vide* Commentary on Rule 88.

Y19 The Class 'Y1 Sociology' may frequently require the application of the Auto-Bias Device in the construction of Group Numbers.

## Z LAW

Z0 Three trains of characteristics are to be used for the subdivision of law, *viz.* Community or 'C', Law or 'L' and Problem or 'P'.

Z01 The three trains of characteristics forming the basis of classification of Law are to be taken in the order 'C' 'L', 'P'.

Z02 The Numbers corresponding to these three trains of characteristics may be termed the Community Number, the Law Number and the Problem Number respectively.

Z03 The symbols and the appropriate divisions on the basis of the last two trains of characteristics are given in Schedule Z of Part II.

Z1 The divisions based on the train of Community Characteristics are to be got by the Geographical Device in the case of nations and sections of nations who are individualised by the geographical area of their habitation, and by the Subject Device in the case of other communities who are individualised by other factors such as religion.

Thus French law and Australian law will be represented by Z53 and Z8 while Hindu law, Canon law of Christians and Muslim law will be represented by ZQ2, ZQ6 and ZQ7 respectively.

Again the federal law of the United States will be Z73 whereas the law of California will be Z7351. So also in the case of the special law of a particular sect of a religion, the religion number will have to be subdivided to the necessary extent.

Z11 For international law, the geographical number to be used is '1' if it covers the whole world or any other appropriate number if it covers only a part of the world.

*e.g.*, American international law will have the number Z7.

It may be stated here that this rule relates to Public International Law, *i.e.*, to law which governs situations in which all the parties concerned are States or Governments, politically independent of one another.

Z2 It will be noted that the terms used to denote the classes based on the trains of Law and Problem characteristics are so chosen as to be applicable to International Law as well as Municipal Law. Wherever it is not so, the analogous terms are to be understood.

## LAW

Z25 It will be seen that some of the last subdivisions of '5 Crimes' are obtained by a modified form of Subject Device. Further subdivisions may be obtained in an analogous manner.

Z26 The Law Division '6 Conflict of laws, private international law' has been taken away from 'Public international law', as it is said to have greater affinity to 'Municipal law' than to 'International law'.

Z261 As has been indicated in the Schedule, Law Number '6' is to be subdivided by applying to it such of the divisions of 'Z' on the basis of the Law characteristic as are applicable to it with the modification that '6 Conflict of laws' is to be replaced by '6 During war'. '66' may again be subdivided as '6' itself.

Z2A The divisions A to D based on the train of Law characteristics, which relate to war-conditions, are to be subdivided by applying to them such of the divisions of 'Z' on the basis of the trains of Law characteristics as are applicable to them.

The appropriate terms for the derived composite classes will be obvious, e.g., Z1:C265 is the number for 'Prize law'.

It may be stated that it is not possible for the Main Classes A, B, C, D to figure as Last Octave Numbers of Z Law. Hence, no ambiguity will arise by A, B, C, D being used as divisions based on the train of Law characteristics.

Z3 The classes based on the train of Problem characteristics would naturally depend upon the Law Number and would be different for different Law Numbers. Hence the Problem Classes for certain Law Numbers have been given separately in the Schedule. If the need for problem classes is felt in the case of other Law Numbers, they will have to be constructed analogously and consistently with the Canon of Mnemonics, expounded in the *Prolegomena to library classification*.

Z8y7 A law report is to have its number amplified by the Common Subdivision y7. The report of a particular case may require further amplification by the Chronological Device, the chronological number being worked out to three digits and the date of commencement of the trial being used as the epoch. A periodical law report may require further amplification of y7 by m. m need not be amplified by the Chronological Device if it is an official report. Nor is it necessary to amplify m by the Geographical Device if the Community Number is a Geographical Number.

## LAW

Z9 The Classic Device may, if necessary, be applied also to any Class Number ending with the 'Digests' digit z.

Pandurang Vaman Kane *History of Dharma Sastra* will be of much help in applying the Classic Device in the case of Hindu Law. The Dharma Sastras of Hinduism usually devote one of their parts to law. The editions of a Dharma Sastra as a whole are to be placed in religion and illustrative Class Numbers of such works by the Classic Device have been given at the end of Schedule Q of part II. But editions of the Law part alone are better placed in Law. For example, the Law part of Q2:4r2 Yajnavalkya is to be given the Class Number ZQ2r2. Similarly the Law part of Q2:4r223 Balambhatti is to be given the class Number ZQ2r223. Again, the Law part of Q2:4r5 Narada is to be given the Class Number ZQ2r5.

The following are some examples of classics in digests:

ZQ2r150 Vacaspatimisra *Uvada cintamani*.

ZQ2:1225rK10 Nanda Pandita *Dattakamimsa*.





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# COLON CLASSIFICATION

BY

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Secretary, Madras Library Association

## PART II

SCHEDULES OF CLASSIFICATION



MADRAS  
THE MADRAS LIBRARY ASSOCIATION

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LONDON, EDWARD GOLDSTON, LTD.

1939

FIRST EDITION 1933  
SECOND EDITION (*Revised*) 1939

251qN33  
G9•2

## 1 MAIN CLASSES

1 to 9 Generalia

Δ Spiritual experience  
and mysticism

*Sciences*

*Humanities*

**A** Science (General)  
**B** Mathematics  
**C** Physics  
**D** Engineering  
**E** Chemistry  
**F** Technology  
**G** Natural Science  
     (General) and  
     Biology  
**H** Geology  
**I** Botany  
**J** Agriculture  
**K** Zoology  
**L** Medicine  
  
**M** (Other) applications  
     of sciences, Useful  
     arts

**N** Fine arts  
**O** Literature  
**P** Linguistics  
**Q** Religion  
**R** Philosophy  
**S** Psychology  
**T** Education  
  
**U** Geography  
**V** History  
**W** Political science  
**X** Economics  
**Y** (Other) social sci-  
     ences including socio-  
     logy  
  
**Z** Law

## 2 COMMON SUBDIVISIONS

<i>a</i>	<b>Bibliography</b>		
<i>b</i>	<b>Profession</b>		Problem Number
<i>b1</i>	<b>Qualification</b>		"7" of 'S Psycho-
<i>b11</i>	<b>Educational</b>	<i>b2</i>	<b>logyl')</b> Recruitment
<i>b111</i>	<b>General</b>	<i>b3</i>	Training
<i>b112</i>	<b>Special</b>	<i>b4</i>	Research
<i>b12</i>	<b>Age</b>	<i>b5</i>	Service conditions
<i>b13</i>	<b>Physical</b>	<i>b51</i>	Grades
<i>b131</i>	<b>Longevity, expectation of life</b>	<i>b52</i>	Salary
<i>b132</i>	<b>Anthropometrical</b> (To be subdivided as the Problem Number "2" of 'Y1 <b>Sociology'</b> and to be further divi- ded by the train of Organ charac- teristics as in 'L <b>Medicine'</b> )	<i>b53</i>	Leave
<i>b133</i>	<b>Functional; physio- logical.</b> (To be further divided by the train of Organ characteristics as in 'L <b>Medicine'</b> )	<i>b55</i>	Amenities
<i>b16</i>	<b>Family, heredity, eu- genical</b>	<i>b56</i>	Superannuation
<i>b17</i>	<b>Personality</b> (To be subdivided as the	<i>b57</i>	Tenure
		<i>b6</i>	Control
		<i>b7</i>	Unions, associations
		<i>b8</i>	Powers and duties
		<i>c</i>	<b>Laboratories, ob- servatories</b>
		<i>d</i>	<b>Museums, exhibi- tions</b>
		<i>e</i>	<b>Instruments, machi- nes, appliances, formulas</b>
		<i>f</i>	<b>Maps, atlases</b>
		<i>g</i>	<b>Charts, diagrams, graphs, 'handbooks, catalogues</b>
		<i>h</i>	<b>Institutions</b>

## 2 COMMON SUBDIVISIONS

<i>j</i>	Miscellanies, memorial volumes, Festschriften		counts, explorations, topography
<i>k</i>	Cyclopaedias, dictionaries, concordances	<i>v</i>	History
<i>l</i>	Societies	<i>w</i>	Biography, letters
<i>m</i>	Periodicals	<i>x</i>	Collected works, selections
<i>n</i>	Yearbooks, directories, calendars, almanacs	<i>y1</i>	Scope
<i>p</i>	Conferences, congresses, conventions	<i>y2</i>	Syllabus
<i>q</i>	Bills, acts, codes	<i>y5</i>	Catechism
<i>r</i>	Government departmental reports and similar periodical reports of corporate bodies	<i>y6</i>	Synopsis
<i>s</i>	Statistics	<i>y7</i>	Case study
<i>t</i>	Commissions, committees	<i>y8</i>	Experimental work, practical work
<i>u</i>	Travels, expeditions, surveys or similar descriptive	<i>z</i>	Digests
	a c -	<i>z4</i>	Parody
		<i>z5</i>	Adaptation
		<i>z61</i>	In verse
		<i>z62</i>	In dramatic form
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		<i>z64</i>	In the form of letters
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		<i>:9</i>	Criticism, application



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<b>1</b>	<b>World</b>	<b>19</b>	<b>Physiographic divisions</b>
<b>100</b>	<b>Linguistic divisions</b> (To be subdivided by the language numbers) <i>(Illustrative)</i>	191	Land regions
		1911	Deserts
		1912	Caves
		1913	Sand dunes
100111	English speaking countries	1914	Prairies
100123	Spanish speaking countries	1915	Rain forests
		192	Islands
		193	Marshes, coastal regions
<b>10</b>	<b>Empires</b> To be subdivided by the <b>Geographical Device.</b> <i>(Illustrative)</i>	194	Submarine regions
		195	Watery regions
		1951	Fresh water
		19517	Rivers
1052	Roman empire	19518	Lakes
1056	British empire	1955	Sea water
13	Pacific countries	196	Mountain region
15	Atlantic countries	198	Atmosphere
151	Mediterranean countries	1984	Stratosphere
		1986	Ionosphere
16	Frigid zone	<b>2</b>	<b>Mother country</b>
163	South frigid zone	<b>3</b>	<b>Favoured country</b>
167	North frigid zone	<b>4</b>	<b>Asia</b>
17	Temperate zone	<b>41</b>	<b>China</b>
173	South temperate zone	4111	Kiang-su
		4112	An-hwei
177	North temperate zone	4113	Che-kiang
		4121	Kiang-si
18	Tropical zone	4122	Fu-kien
183	South tropical zone	4131	Kwang-tung
187	North tropical zone	4132	Kwang-si

## GEOGRAPHICAL DIVISIONS

4141	Yun-nan	43812	Southern States	Shan
4142	Kwei-chow			
4143	Hu-nan	43813	Karenni	
4151	Sze-chwan	43814	Salween	
4152	Hu-peh	43821	Thaton	
4153	Shen-si	43822	Amherst	
4161	Ho-nan	43823	Tavoy	
4162	Shan-si	43824	Mergui	
4163	Kan-su	43831	Toungoo	
4171	Chih-li	43832	Pegu	
4181	Shan-tung	43833	Tharrawaddy	
<b>42</b>	<b>Japan</b>	43834	Hanthawaddy	
421	Honshu	43835	Insein	
422	Shikoku	43836	Pyapon	
423	Kyushu	43837	Myaungmya	
428	Hokkaido	43838	Ma-ubin	
<b>43</b>	<b>Southeast Asia</b>	43841	Bassein	
<b>431</b>	<b>Indo China</b>	43842	Henzada	
4311	Annam	43843	Sandoway	
4312	Laos	43844	Prome	
4313	Cochin-China	43851	Kyaukpyu	
4315	Cambodia	43852	Minbu	
4317	Tongking	43853	Pakokku Hill Tracts	Hill
<b>433</b>	<b>Siam</b>	43854	Pakokku	
<b>435</b>	<b>Malay States</b>	43855	Akyab	
<b>436</b>	<b>East Indian Archipelago</b>	43856	North Arakan	
4361	Moluccas	43861	Chin Hills	
4362	Celebes	43862	Lower Chindwin	
4363	Java	43864	Katha	
4365	Sumatra	43865	Shwebo	
4367	Borneo	43871	Myitkyina	
43691	Anamba isles	43873	Bhamo	
43692	Natuna isles	43881	Ruby Mines	
<b>438</b>	<b>Burma</b>	43882	Mandalay	
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		43884	Meiktila	
		43885	Yamethin	

## GEOGRAPHICAL DIVISIONS

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43887	Thayetmyo	44191	Salem
43888	Myingyan	44192	North Arcot
43889	Sagaing	44193	Chittoor
<b>44</b>	<b>India</b>	<b>442</b>	<b>South (excluding</b>
<b>441</b>	<b>Madras (exclud-</b>		<b>Madras)</b>
	<b>ing the Indian</b>	4421	Pudukkottai
	<b>States)</b>	<b>4422</b>	<b>Travancore</b>
<b>4411</b>	<b>Eastern districts</b>	<b>4423</b>	<b>Cochin</b>
44111	Madras	<b>4424</b>	<b>Mysore</b>
44112	Chingleput	<b>4425</b>	<b>Hyderabad</b>
44113	South Arcot	<b>4426</b>	<b>Coorg</b>
44114	Tanjore	<b>4431</b>	<b>Bombay</b>
<b>4413</b>	<b>Southern districts</b>	443111	Ahmadnagar
44132	Ramnad	443112	Sholapur
44133	Tinnevelly	443113	Akalkot
44134	Madura	443114	Jath
44135	Trichinopoly	443115	Jamkhandi
44136	Coimbatore	443116	Bijapur
44137	Nilgiris	443121	Dharwar
<b>4415</b>	<b>West Coast</b>	443131	North Kanara
44153	Malabar	443141	Belgaum
44154	South Kanara	443142	Sangli
<b>4416</b>	<b>Ceded Districts</b>	443143	Savantvadi
44161	Cuddapah	443144	Kolhapur
44162	Anantapur	443151	Ratnagiri
44163	Bellary	443152	Kolaba
44165	Kurnool	443153	Satara
<b>4418</b>	<b>Andhra Desa</b>	443154	Aundh
44181	Nellore	443155	Bhor
44182	Guntur	443156	Poona
44183	Kistna	443157	Thana
44184	Godavari, West	443158	Jawhar
44185	Godavari, East	443161	Surat
44186	Vizagapatam	443162	Broach
44187	Ganjam ( <i>Before</i>	443163	Kathiawar
	1936)	443164	Palanpur

## GEOGRAPHICAL DIVISIONS

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443171 Khandesh, West	443642 Muzaffargarh
443172 Khandesh, East	443643 Jhang
443173 Nasik	443644 Lyallpur
443181 Ahmadabad	443651 Dera Ghazi Khan
<b>443182 Baroda</b>	443652 Mianwali
443183 Kaira	443653 Shahpur
443184 Panch Mahals	443654 Gujranwala
443185 Rewakantha	443656 Shekhpura
<b>4432 Baluchistan</b>	443661 Gujarat
443211 Kachhi	443663 Jhelum
443212 Jhalawan	443664 Attock
443231 Las Bela	443665 Rawalpindi
443232 Makran	443671 Amritsar
443251 Kharan	443672 Sialkot
443252 Chagai	443673 Gurudaspur
443253 Sarawan	443674 Kapurthala State
443271 Zhob	443681 Hoshiarpur
443272 Loralai	443682 Kangra
<b>4433 Sind</b>	443683 Chamba
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tory areas	4436912 Faridkot
443571 Hazara	4436913 Kalsia State
443572 Peshawar	4436914 Dujana State
<b>4436 Punjab</b>	443692 Ferozepore
443611 Ambala	443693 Lahore
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443613 Rohtak	443696 Ludhiana
443621 Gurgaon	<b>444 Himalayan regions</b>
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443632 Montgomery	4445 Nepal
443633 Bahawalpur	4446 Sikkim
	4447 Bhutan

## GEOGRAPHICAL DIVISIONS

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<b>4451</b>	<b>Delhi</b>	<b>445273</b>	Pilibhit
<b>4452</b>	<b>United Provinces</b>	<b>445274</b>	Kheri
445211	Azamgarh	445275	Bahraich
445212	Ballia	445276	Gonda
445213	Benares	445281	Basti
445214	Ghazipur	445282	Gorakhpur
445215	Jaunpur	445291	Unao
445221	Mirzapur	445292	Lucknow
445222	Allahabad	445293	Bara Banki
445223	Partabgarh	445294	Rae Bareli
445231	Banda	445295	Sultanpur
445232	Hamirpur	445296	Fyzabad
445233	Jhansi		
445234	Jalaun	<b>4453</b>	<b>Bihar and Orissa</b>
445235	Etawah		(Before bifurca-
445236	Cawnpore		tion—1936)
445237	Fatehpur	445811	Santal Parganas
445241	Hardoi	445312	Manbhum
445242	Farrukhabad	445315	Singhbhum
445243	Mainpuri	445316	Balasure
445244	Agra	445331	Cuttack
445245	Muttra	445335	Angul
445246	Aligarh	445336	Feudatory states of
445247	Etah		Orissa
445251	Budaun	445351	Sambalpur
445252	Bulandshahr	445352	Ranchi
445253	Meerut	445353	Palamau
445254	Muzaffarnagar	445355	Shahabad
445255	Moradabad	445371	Saran
445256	Rampur	445372	Champanan
445257	Bareilly	445373	Muzaffarpur
445261	Saharanpur	445374	Darbhanga
445262	Dehra Dun	445375	Monghyr
445264	Garhwal	445376	Bhagalpur
445265	Almora	445377	Purnea
445266	Nainital	445391	Hazaribagh
445267	Bijnor	445392	Gaya
445271	Sitapur	445393	Patna

## GEOGRAPHICAL DIVISIONS

<b>4454</b>	<b>Orissa (After bifurcation—1936)</b>	446253	Burdwan
44541	Cuttak	446254	Birbhum
44542	Puri	446255	Murshidabad
44543	Ganjam	446256	Malda
44544	Korapet	446257	Dinajpur
44545	Sambalpur	446271	Darjeeling
44547	Balasore	446272	Jalpaiguri
		446273	Cooch-Bihar State
		446275	Rangpur
<b>4461</b>	<b>Assam</b>	446291	Pabna
446112	Naga Hills	446292	Faridpur
446114	Manipur	446293	Jessore
446131	Lushai Hills	446295	Nadia
446151	Sylhet	446296	Rajshahi
446153	Garo Hills		
446171	Golpara	<b>4471</b>	<b>Central Provinces</b>
446172	Kamrup	447111	Bilaspur
446173	Darrang	447112	Raipur
446174	Nowgong	447113	Kanker
446175	Sibsagar	447114	Drug
446191	Khasi and Jaintia Hills	447121	Bastar
446192	Cachar	447131	Nandgaon
		447132	Chanda
		447133	Yeotmal
<b>4462</b>	<b>Bengal</b>	447134	Akola
446211	Mymensingh	447135	Wardha
446212	Dacca	447136	Nagpur
446213	Tippera	447137	Bhandara
446214	Tripura	447141	Amraoti
446215	Chittagong Tracts	447142	Buldana
446217	Noakhali	447143	Nimar
446231	Backergunge	447151	Betul
446232	Khulna	447152	Hoshangabad
446233	Twenty-four Paraganas	447153	Narsinghpur
446234	Howrah	447154	Chhindwara
446236	Midnapore	447155	Seoni
446251	Hooghly	447161	Saugor
446252	Bogra	447162	Damoh
		447163	Jubbulpore

## GEOGRAPHICAL DIVISIONS

447171	Mandla	448282	Bharatpur
447172	Chang Bhakar	448291	Bundi
447173	Korea	448292	Ajmer-Merwara
447181	Surguja	449	Islands
447182	Jashpur	4491	Andamans
447183	Udaipur	4492	Laccadive Islands
447184	Raigarh	4498	Ceylon
447185	Chhathisgarh fe- datory states	45	Persia
447191	Balaghat	46	Arabian Peninsula
448	Central India and Rajputana	461	Arabia
4481	Central India	4611	El-hasa
448111	Rewah	4613	Hadhramaut
448112	Maihar	4614	Nejd
448113	Panna	4615	Hejaz
448114	Ajaigarh	4617	Syrian Desert
448118	Other eastern states	462	Oman
448151	Gwalior	464	Aden
448152	Bhopal	465	Palestine
448154	Indore	467	Iraq (Mesopotamia)
448158	Other western states	4671	Babylonia
4482	Rajputana	4672	Assyria
448211	Kotah	47	Asia Minor
448212	Jhalawar	48	Siberia
448231	Shajapur	4893	Armenia
448232	Mandasar	49	Other Asiatic coun- tries
448241	Banswara	491	Afghanistan
448242	Dungarpur	492	Syria
448243	Mewar	494	Manchuria
448251	Sirohi	495	Korea
448252	Marwar	496	Mangolia
448253	Jaisalmer	497	Sinkiang
448261	Bikaner	498	Tibet
448271	Jaipur	5	Europe
448281	Alwar	51	Greece
		52	Italy
		5291	Sicily

## GEOGRAPHICAL DIVISIONS

5292	Malta	56161	Stafford
53	France	56162	Cheshire
54	Spain and Portugal	56163	Lancashire
541	Spain	56171	Westmorland
542	Portugal	56172	Cumberland
55	Germany	56173	Northumberland
5541	Saar Basin	56175	Yorkshire
56	Great Britain and Ireland	56176	Nottingham
561	England	56177	Durham
56111	Norfolk	56181	Lincoln
56112	Suffolk	56182	Leicester
56113	Essex	56183	Rutland
56114	Hertford	562	Wales
56115	Bedford	5621	Radnor
56116	Northampton	56212	Brecknock
56117	Cambridge	5622	Glamorgan
56118	Huntingdon	5623	Carmarthen
56121	Surrey	5624	Pembroke
56122	Kent	5625	Cardigan
56123	Sussex	5626	Montgomery
56124	London	5627	Merioneth
56131	Berks	56281	Carnarvon
56132	Hamp	56282	Denbigh
56133	Wilts	56283	Flint
56134	Dorset	56291	Anglesey
56141	Devon	563	Scotland
56142	Cornwall	56311	Fife
56143	Somerset	56312	Kinross
56151	Oxford	56313	Clackmannan
56152	Gloucester	56314	Stirling
56153	Monmouth	56321	West Lothian (Lin- lithgow)
56154	Hereford	56322	Mid Lothian (Edin- burgh)
56155	Shropshire	56323	East Lothian (Had- dington)
56156	Derby		
56157	Worcester		
56158	Warwick		



## GEOGRAPHICAL DIVISIONS

56324	Berwick		564152 King's Co.
56327	Peebles		564153 West Meath
56331	Lanark		564161 Longford
56332	Selkirk		564181 Louth
56333	Roxburgh		564182 Meath
56334	Dumfries		5643 Munster
56341	Kirkcudbright		56431 Waterford
56342	Wigtown		56432 Cork
56343	Ayr		56433 Kerry
56351	Renfrew		56434 Limerick
56352	Dumbarton		56435 Clare
56353	Argyll		56437 Tipperary
56354	Perth		5645 Connaught
56371	Inverness		56451 Roscommon
56372	Ross and Cromarty		56453 Galway
56373	Sutherland		56455 Mayo
56374	Caithness		56457 Sligo
56381	Nairn		56458 Leitrim
56382	Moray (Elgin)		5647 Ulster
56383	Banff		56471 Monaghan
56384	Aberdeen		56472 Cavan
56385	Kincardine		56473 Donegal
56386	Angus (Forfar)		5648 Northern Ireland
5639	Islands		56481 Antrim
56391	Bute		56482 Down
56392	Orkney Islands		56483 Armagh
56393	Shetland		56486 Fermanagh
			56487 Tyrone
			56488 Londonderry
<b>564</b>	<b>Ireland</b>		
5641	Leinster		
<b>564111</b>	<b>Dublin</b>		
564112	Kildare		
564113	Wicklow		
564121	Wexford		
564122	Carlow		
564131	Kilkenny		
564151	Queen's (Leix)	Co.	
		<b>58</b>	<b>Russia</b>
		<b>591</b>	<b>Turkey</b>

## GEOGRAPHICAL DIVISIONS

59191	Cyprus	658	Gambia
592	Balkan States	6591	Sierra Leone
5921	Rumania	661	Rio de Oro
5922	Bulgaria	663	Morocco
5923	Yugo-slavia	671	Egypt
5925	Czecho-slovakia	6711	Sinai
5927	Albania	672	Anglo-Egyptian Sudan
5931	Austria	674	Libya
5932	Hungary	675	Tunisia
594	Switzerland	677	Algeria
595	Poland	681	Eritrea
596	Netherlands	682	Abyssinia
5961	Belgium	683	British Somaliland
5962	Holland	685	Italian Somaliland
5971	Lithuania	687	Kenya
5973	Latvia	688	Uganda
5975	Esthonia	69	Islands
6	Africa	691	Madagascar
611	Tanganyika	692	Socotra
612	Mozambique	693	Mauritius
613	Rhodesia	698	Zanzibar
6133	Southern Rhodesia	7	America
615	Nyasaland	71	North America
63	Union of South Africa	7191	Greenland
631	Transvaal	72	Canada
632	Natal	7211	Nova Scotia
633	Orange Free State	7212	New Brunswick
634	Cape of Good Hope	722	Ontario
641	Belgian Congo	723	Manitoba
642	South West Africa	724	Saskatchewan
643	Angola	7251	Alberta
65	West Africa	7252	British Columbia
653	French West-Africa	7253	Yukon
654	Nigeria	726	North West Territory
655	Ashanti	728	Quebec
656	Liberia	7291	Prince Edward Is- lands
657	Gold Coast		

## GEOGRAPHICAL DIVISIONS

7292	Newfoundland	7375	Iowa
<b>73</b>	<b>United States</b>	7376	Illinois
7311	New York	7377	Indiana
7312	Pennsylvania	7381	Michigan
7313	New Jersey	7382	Ohio
7314	Delawar	7383	Vermont
7315	Maryland	7384	Connecticut
7317	Virginia	7385	Massachusetts
7318	Kentucky	7386	New Hampshire
7321	North Carolina	7387	Maine
7322	South Carolina	7391	Rhode Island
7323	Georgia	<b>74</b>	<b>Mexico</b>
7324	Florida	<b>7414</b>	<b>Yucatan</b>
7325	Alabama	<b>75</b>	<b>Central America</b>
7326	Louisiana	751	Guatemala
7327	Mississippi	752	British Honduras
7328	Tennessee	753	Salvador
7331	Texas	755	Nicaragua
7332	Oklahoma	758	Costa Rica
7333	Kansas	76	Alaska
7334	Nebraska	77	Panama
7335	Missouri	<b>791</b>	<b>South America</b>
7336	Arkansas	<b>7911</b>	<b>Uruguay</b>
7341	New Mexico	<b>7913</b>	<b>Argentine Republic</b>
7342	Arizona	<b>7914</b>	<b>Chile</b>
7343	Colorado	<b>7915</b>	<b>Paraguay</b>
7344	Wyoming	<b>79161</b>	<b>Bolivia</b>
7351	California	<b>79162</b>	<b>Peru</b>
7352	Nevada	<b>79163</b>	<b>Ecuador</b>
7353	Oregon	<b>79164</b>	<b>Colombia</b>
7354	Idaho	<b>79171</b>	<b>Venezuela</b>
7355	Utah	<b>79172</b>	<b>British Guiana</b>
7361	Washington	<b>79173</b>	<b>Dutch Guiana</b>
7363	Montana	<b>79174</b>	<b>French Guiana</b>
7371	North Dakota	<b>7918</b>	<b>Brazil</b>
7372	South Dakota	<b>79198</b>	<b>Falkland Isles</b>
7373	Minnesota	<b>792</b>	<b>West Indies</b>
7374	Wisconsin	<b>7921</b>	<b>Trinidad</b>

## GEOGRAPHICAL DIVISIONS

7922	<b>Windward and Seaward Islands</b>	934	Melanesia
7924	<b>Porto Rico</b>	935	Micronesia
7925	<b>Haiti</b>	9358	Solomon Islands
7926	<b>Jamaica</b>	936	Polynesia
7927	<b>Cuba</b>	9365	Samoa
7928	<b>Bahamas</b>	9368	Fiji
8	<b>Australia</b>	937	New Zealand
81	<b>Queensland</b>	9391	Aleutian Islands
82	<b>New South Wales</b>	9392	Hawaii
8291	<b>Hunter Islands</b>	94	<b>Arctic Ocean</b>
83	<b>Victoria</b>	943	<b>Spitsbergen</b>
84	<b>South and Central Australia</b>	95	<b>Atlantic Ocean</b>
85	<b>Western Australia</b>	<b>MNEMONIC DIGITS</b>	
86	<b>North Australia</b>	<i>To be applied after Geographical number before Alphabetic Device is used for individualisation</i>	
89	<b>Islands</b>	C	Cities, towns, villages, etc.
8921	<b>Tasmania</b>	D	Deserts
9	<b>Oceans</b>	L	Lakes, tanks, etc.
91	<b>Indian Ocean</b>	M	Mountains, hills, peaks, etc.
92	<b>Antarctic Ocean</b>	R	Rivers, canals, etc.
93	<b>Pacific Ocean</b>		
931	<b>Philippine and other associated islands</b>		
933	<b>New Guinea</b>		

#### 4 LANGUAGE DIVISIONS

<b>1</b>	<b>Indo-European</b>	<b>15</b>	<b>Sanskrit</b>
<b>11</b>	<b>Teutonic</b>	151	Prākṛt
11011	Gothic	1511	Pāli
110153	Low Frisian	1512	Mahārāṣṭrī
110155	Old Frisian	1516	Ardhamāgadhī
111	English	1517	Māgadhī
112	Dutch	1518	Apabhramśa
113	German	15198	Sinhalese
114	Swedish	152	Hindī
115	Norwegian	153	Panjābī
116	Danish	154	Gujarātī
117	Icelandic	155	Marāṭhī
<b>12</b>	<b>Latin</b>	156	Uriyā
121	Italian	157	Beṅgālī
122	French	158	Nepālī
123	Spanish	<b>16</b>	<b>Iranian</b>
124	Portuguese	161	Avestic
128	Celtic	162	Pahlavi
1283	Welsh	164	Persian
1285	Irish	165	Afghan (Pushtu)
1287	Scotch. Gaelic	168	Urdu
<b>13</b>	<b>Greek</b>	17	Armenian
<b>14</b>	<b>Slavonic</b>	18	Albanian
141	Lethic	191	Tockarish
142	Russian	192	Phyrgian
143	Bulgarian	197	Hittite
144	Illyrian	<b>2</b>	<b>Semitic</b>
1441	Slav	21	Babylonian including Syriac
1442	Servian		
145	Polish	22	Assyrian
146	Bohemian	24	Aramaic

## LANGUAGE DIVISIONS

25	Hebrew	<i>N.B.</i>	<i>Divisions 4-9 to be</i>
26	Phoenician		<i>divided by the</i>
28	Arabic		<i>Geographical</i>
<b>3</b>	<b>Dravidian</b>		<i>cal Device.</i>
31	Tamil		<i>(Illustrative)</i>
32	Malayālam	467	Sumerian
33	Kānarese		
34	Tuḷu	99	<b>Artificial languages</b>
35	Telugu		<i>To be divided by the</i>
36	Kūi		<i>Chronological</i>
38	Brāhūi		<i>Device</i>
39	Toḍa, etc.		<i>(Illustrative)</i>
4	<b>Other Asiatic lan-</b>	99M17	Solresol
	<b>guages</b>	99M75	Lingualumina
5	<b>Other European lan-</b>	99M80	Volapuk
	<b>guages</b>	99M84	Blaia Zimondal
6	<b>Other African lan-</b>	99M86	Cabe Aban
	<b>guages</b>	99M87	Esperanto
7	<b>Other American lan-</b>	99N03	Interlingua 'Latino
	<b>guages</b>		Sina flex'
8	<b>O t h e r Australian</b>	99N07	Ido
	<b>languages</b>	99N23	Hom-idyomo
9	<b>Other oceanic lan-</b>		
	<b>guages</b>		

## 5 CHRONOLOGICAL DIVISIONS

A	Before 1999 B. C.	N	1900 to 1999 A. D.
B	1999 to 1000 B. C.	P	2000 to 2099 A. D.
C	999 to 1 B. C.	Q	2100 to 2199 A. D.
D	1 to 999 A. D.	R	2200 to 2299 A. D.
E	1000 to 1099 A. D.	S	2300 to 2399 A. D.
F	1100 to 1199 A. D.	T	2400 to 2499 A. D.
G	1200 to 1299 A. D.	U	2500 to 2599 A. D.
H	1300 to 1399 A. D.	V	2600 to 2699 A. D.
I	1400 to 1499 A. D.	W	2700 to 2799 A. D.
J	1500 to 1599 A. D.	X	2800 to 2899 A. D.
K	1600 to 1699 A. D.	Y	2900 to 2999 A. D.
L	1700 to 1799 A. D.	Z	3000 to 3099 A. D.
M	1800 to 1899 A. D.	AA	3100 to 3199 A. D.

## 9 GENERALIA

<i>Canonical divisions</i>	
1	Bibliography
2	Library science
3	Dictionaries, encyclo- paedias
4	Societies
5	Periodicals
61	Congresses
62	Commissions
63	Exhibitions
64	Museums
7	Biographies
8	Year-books
9	Works, essays
98	Theses

### 1 BIBLIOGRAPHY

#### 1 [M]: [B]

*Divisions based on the train of  
Material or M  
Characteristic*

1	Tablets
2	Manuscripts
3	Pictures
35	Films
4	Printed books
41	Incunabula
53	Gramophone records
55	Filmed books
8	Books for the blind

*Divisions based on the train of  
Bibliographical or B  
Characteristic*

1	Publications in a parti- cular geographical area
2	Publications dealing with a particular geographical area
3	Publications in or deal- ing with a parti- cular language
4	General catalogue of a library
5	General catalogue of a publishing agency
7	Reference books
91	Childrens' books

### 2 LIBRARY SCIENCE

#### 2 [P]: [L]

*Divisions based on the train of  
Problem or P  
Characteristic*

1	<b>Building and equip- ment</b>
11	Stack room
12	Catalogue room
13	Reading room
14	Counter
15	Periodicals room
16	Office room



## GENERALIA

17	Exhibition room		<i>Divisions based on the train of</i>
18	Lecture room		<b>Library or L</b>
19	Other rooms		<i>Characteristic</i>
<b>4</b>	<b>Administration</b>	<b>1</b>	<b>National and similar</b>
41	Book selection		<b>libraries</b>
42	Book order	11	National library
43	Periodicals work	12	Central library
44	Accessioning	14	Copyright library
45	Preparation of the book	15	Regional library
		<b>2</b>	<b>Public library</b>
<b>5</b>	<b>Technical</b>	21	Rural library
51	Classification	25	City library
55	Cataloguing		
551	Internal form of the catalogue	<b>3</b>	<b>Academic library</b>
		31	School library
5511	Alphabetic catalogue	32	College library
5513	Dictionary catalogue	33	University library
5515	Classified catalogue	34	Library of research organisations
555	External form of the catalogue		
		<b>4</b>	<b>Business library</b>
5551	Book form of catalogue	41	Industrial library
		42	Newspaper office library
5552	Pastedown catalogue		
5553	Sheaf catalogue	45	Commercial library
5555	Card catalogue	48	Government departmental library
<b>6</b>	<b>Circulation work</b>		
61	Within the library premises	<b>5</b>	<b>Library for special classes</b>
62	For home reading		
621	Books	51	Children's library
622	Periodicals	53	Prison library
623	Rules of lending	54	Hospital library
625	Interlibrary loan	55	Sea-men's library
65	Issue methods	58	Library for the blind
<b>7</b>	<b>Reference work</b>	<b>7</b>	<b>Subscription library</b>
72	Publicity work	<b>8</b>	<b>Private library</b>
<b>8</b>	<b>Shelf work</b>	92	Manuscripts library
91	Nomenclature etc.	98	Archives

## B MATHEMATICS

<i>Canonical divisions</i>	<i>Divisions based on the train of</i>
<b>B1</b> <b>Arithmetic</b>	<b>Problem or P</b>
<b>B2</b> <b>Algebra</b>	<i>Characteristic</i>
<b>B3</b> <b>Analysis</b>	1     Primality and divisi-
<b>B4</b> <b>Other methods</b>	bility
<b>B5</b> <b>Trigonometry</b>	2     Distribution
<b>B6</b> <b>Geometry</b>	3     Diophantine equa-
<b>B7</b> <b>Mechanics</b>	tions
<b>B8</b> <b>P h y s i c o-mathe-</b>	<i>Special equations by the</i>
<b>matics</b>	<i>Chronological Device</i>
<b>B9</b> <b>Astronomy</b>	<i>(illustrative)</i>
<b>B1 ARITHMETIC</b>	3K57   Pell's equation
<b>B11</b> Lower arithmetic	5     F o r m s including
<b>B111</b> Numeration	partitions
<b>B112</b> Notation	<i>Special forms by the</i>
<b>B113</b> Arithmetical opera-	<i>Chronological Device</i>
tions	<i>(illustrative)</i>
<b>B114</b> Approximations	5K37   Fermat's   l a s t
<b>B12</b> <b>Concept of num-</b>	theorem
<b>bers</b>	5L42   Goldbach's theorem
<b>B13</b> <b>Integers (theory of</b>	5L50   Waring's problem
<b>numbers)</b>	9     Associated arithmetic
<b>B13 [N] : [P] : [M]</b>	functions
<i>Divisions based on the train of</i>	<i>Special arithmetic functions</i>
<b>Number or N</b>	<i>by the Chronological Device</i>
<i>Characteristic</i>	<i>(illustrative)</i>
1     Prime numbers	9L60 $\phi$ function
2     Numbers defined by	9M32 $\mu$ function
factor properties	9M97   Merten's function
<b>21</b> Highly composite	<i>Divisions based on the train of</i>
numbers	<b>Method or M</b>
<b>5</b> Numbers defined by	<i>Characteristic</i>
partition properties	1     Elementary arith-
	metical methods

## MATHEMATICS

2	Algebraic methods	B215	Ratio and proportion, variation
21	Elementary algebraic methods	B216	Progressions
22	Methods of rational approximations by continued fraction	B217	Permutations and combinations
23	Congruences	<b>B22</b>	<b>Continued fractions</b>
25	Method of algebraic forms	B221	Finite continued fractions
28	Method of probability	<b>B23</b>	<b>Theory of equations</b>
3	Analytical methods		
36	Method of infinite series and products		<b>B23 [E]: [P]</b>
38	Method of complex variable		<i>Divisions based on the train of</i>
39	By the use of special functions		<b>Equation or E</b>
	<i>(to be divided as B39)</i>		<i>Characteristic</i>
6	Geometrical methods	1	Simple
<b>B15</b>	<b>Algebraic numbers and ideal numbers</b>	2	Quadratic
	<i>(to be divided as B13)</i>	3	Cubic
		4	Biquadratic
		6	Simultaneous
		7	<i>n</i> th degree
		8	Transcendental
		9	Special
			<i>Special equations by the</i>
			<i>Chronological Device</i>
			<i>(illustrative)</i>
<b>B16</b>	<b>Complex and hypercomplex numbers</b>	9M29	Abelian equations
	<i>(to be divided as B13)</i>	9M72	SyLOW equations
			<i>Divisions based on the train of</i>
<b>B18</b>	<b>Transcendental numbers</b>		<b>Problem or P</b>
			<i>Characteristic</i>
	<b>B2 ALGEBRA</b>	1	Numerical solutions
<b>B21</b>	Elementary algebra, <i>i.e.</i> , not involving infinite processes	3	Symmetric functions
		4	Elimination, resultant
		5	Formal solutions
		6	Graphical solutions
<b>B213</b>	Fundamental operations and laws	7	Existence of solutions, Galois theory

# MATHEMATICS

<b>B24</b>	<b>Determinants</b>		<i>Special transformations by the Chronological Device (illustrative)</i>
B245	Matrices		
	<i>Special determinants by the Chronological Device (illustrative)</i>	8M63	Cremona transformations
B24M12	Alternants	<b>B27</b>	<b>Groups</b>
<b>B25</b>	<b>H i g h e r algebra, forms, transformations, invariants, etc.</b>	B271	Finite groups
	<b>B25 [F]: [D]: [T]</b>	<b>B28</b>	<b>Statistics</b>
	<i>Divisions based on the train of Form or F</i>	B281	Probability
	<i>Characteristic</i>	B2813	Normal equations
2	Binaries	B2817	Sampling
3	Ternaries	B2818	Theory of attributes
4	Quaternaries	B282	Frequency curves
7	<i>n</i> -naries	B283	Histograms
	<i>Divisions based on the train of Degree or D</i>	B284	Averages and index numbers
	<i>Characteristic</i>	B285	Correlation
1	Linear	B286	Periodogram analysis
2	Quadratic	<b>B29</b>	<b>Algebras</b>
3	Cubic		<b>B3 ANALYSIS</b>
7	<i>n</i> th degree	<b>B31</b>	<b>Foundations</b>
	<i>Divisions based on the train of Transformation or T</i>	B311	Numbers
	<i>Characteristic</i>	B3111	Ordinal
1	Linear transformations	B3113	Cardinal
18	Special invariants	B3114	Transfinite
2	Quadratic transformations	<b>B313</b>	<b>Function-space</b>
28	Special invariants	B313N08	Hilbert space
3	Cubic transformations	B316	Topology
38	Special invariants	<b>B32</b>	<b>Calculus</b>
7	<i>n</i> ic transformations	B321	Differential calculus
78	Special invariants	B324	Partial differentiation
8	Special transformations	B325	Integral calculus
		B3255	Definite integrals
		B328	Multiple integrals

## MATHEMATICS

<p><b>B33 Differential and integral equations</b></p> <p><b>B33 [E] : [D] : [O] : [P]</b></p> <p><i>Divisions based on the train of Equation or E</i></p> <p style="padding-left: 20px;"><i>Characteristic</i></p> <p>1 Ordinary</p> <p>2 Simultaneous</p> <p>3 Total differential</p> <p>4 Partial</p> <p>5 Integral</p> <p><i>Divisions based on the train of Degree or D</i></p> <p style="padding-left: 20px;"><i>Characteristic</i></p> <p>1 Linear</p> <p>2 Quadratic</p> <p>3 Cubic</p> <p>4 Quartic</p> <p>5 Quintic</p> <p>6 Sextic</p> <p>7 nth degree</p> <p><i>Divisions based on the train of Order or O</i></p> <p style="padding-left: 20px;"><i>Characteristic</i></p> <p>1 First</p> <p>2 Second</p> <p>3 Third</p> <p>4 Fourth</p> <p>5 Fifth</p> <p>6 Sixth</p> <p>7 nth</p> <p><i>Divisions based on the train of Problem or P</i></p> <p style="padding-left: 20px;"><i>Characteristic</i></p> <p>1 Numerical solutions</p> <p>5 Formal solutions</p> <p>52 Algebraic theory</p> <p>53255 Solution by definite integrals</p>	<p>56 Solution by infinite series</p> <p>58 Singular solutions</p> <p>6 Graphical solutions</p> <p>7 Existence of solutions</p> <p><b>B34 Continuous groups</b></p> <p><b>B35 Differential forms</b></p> <p><b>B36 Infinite series</b></p> <p>B361 Sequences</p> <p>B362 Series of positive terms</p> <p>B363 Alternating series</p> <p>B365 Infinite products</p> <p>B369 Divergent series</p> <p style="padding-left: 40px;"><i>Special series by the Chronological Device (illustrative)</i></p> <p>B36M22 Fourier's</p> <p>B36M39 Dirichlet's</p> <p><b>B37 Real variable</b></p> <p><b>B37 [V] : [P]</b></p> <p><i>Divisions based on the train of Variable or V</i></p> <p style="padding-left: 20px;"><i>Characteristic</i></p> <p>1 Single variable</p> <p>2 Two variables</p> <p>7 <math>n</math> variables</p> <p><i>Divisions based on the train of Problem or P</i></p> <p style="padding-left: 20px;"><i>Characteristic</i></p> <p>1 Integrals</p> <p style="padding-left: 40px;"><i>Special theories by the Chronological Device (illustrative)</i></p> <p>1M23 Cauchy integrals</p> <p>1M54 Riemann integrals</p>
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## MATHEMATICS

1N02	Lebesgue integrals	5	Distribution of values
2	Analytic representation	59	Exceptional values
22	As a continued fraction	6	Conformal representation and uniformisation
23	As a definite integral		
26	As an infinite series	7	Maximum - minimum principles
265	As an infinite product		
4	Singularities	8	Inequalities and mean values
5	Distribution of values		
7	Maximum-minimum principles	92	Families of functions
8	Inequalities and mean values	<b>B39</b>	<b>Special functions</b>
92	Families of functions	B391	Elementary functions defined by a finite number of algebraic operations
<b>B38</b>	<b>Complex variable</b>		
	<b>B38 [V]: [P]</b>		
	<i>Divisions based on the train of</i>		
	<b>Variable or V</b>		
	<i>Characteristic</i>		
1	Single variable		
2	Two variables		
7	<i>n</i> variables		
	<i>Divisions based on the train of</i>		
	<b>Problem or P</b>		
	<i>Characteristic</i>		
1	Cauchy's theorem and complex integration	B392	Integrals of algebraic functions
2	Analytic representation		
22	Approximation by polynomials		
23	As a contour integral		
26	As an infinite series		
265	As an infinite product		
3	Analytic continuation		
4	Singularities		
41	Poles		
45	Essential singularities		
		B392L57	Hyperbolic functions
		B392L84	Elliptic functions
		B392M26	Hyperelliptic functions
		B392N11	Prym functions
		B393	Functions defined by contour integrals
			<i>Subdivisions by the Chronological Device (illustrative)</i>
		B393L30	Eulerian functions, gamma functions

## MATHEMATICS

- |  |   |
|--|---|
| <p>B393M09 Lie functions</p> <p>B393M24 Bessel functions, cylindrical harmonics</p> <p>B394 Functions defined by differential and integral equations</p> <p style="text-align: center;"><i>Subdivisions by the Chronological Device (illustrative)</i></p> <p>B394L85 Laplace function, Legendere function, spherical harmonics</p> <p>B394M28 Green's function, harmonic function</p> <p>B394M39 Lamé's function, ellipsoidal harmonics</p> <p>B394M73 Mathieu's functions</p> <p>B396 Functions defined by infinite series and products</p> <p style="text-align: center;"><i>Subdivisions by the Chronological Device (illustrative)</i></p> <p>B396M12 Hypergeometric series, Hermite's functions</p> <p>B396M31 Integral functions</p> <p>B396M59 Zeta function</p> | <p>B397 Functions defined by groups, automorphic functions</p> <p>B398 Functions of position defined in the manner of Riemann</p> <p>B399 Functions qualitatively defined</p> <p>B399M42 Meromorphic functions</p> <p>B399N17 Quasi-analytic functions</p> <p>B399N23 Almost periodic functions</p> <p style="text-align: center;"><b>B4 OTHER METHODS</b></p> <p>B41 Calculus of finite differences</p> <p>B42 Calculus of variations</p> <p>B43 Calculus of functional analysis</p> <p>B44 Graphical calculus and nomography</p> <p>B45 Quaternions</p> <p>B46 Vector analysis etc.</p> <p>B463 Tensor calculus and absolute calculus</p> <p>B466 Vector analysis</p> <p>B48 Operational calculus</p> <p>B491 Mathematical calculations</p> <p style="text-align: center;"><b>B5 TRIGONOMETRY</b></p> <p>B52 Plane trigonometry</p> <p>B53 Spherical trigonometry</p> |
|--|---|

# MATHEMATICS

## B6 GEOMETRY

**B6 [S]: [M]**

*Divisions based on the train of  
Space or S  
Characteristic*

- 1      **Foundations**
- 2      **Plane**
- 21     Configurations essentially made up of points and straight lines only
- 22     Curves of the second degree
- 23     Curves of the third degree
- 24     Curves of the fourth degree
- 25     Curves of the fifth degree
- 27     Algebraic curves in general
- 28     Transcendental curves
- 3      **Three dimensions**
- 31     Configurations essentially made up of points, straight lines and planes only
- 32     Surface of the second degree
- 33     Cubic surface
- 34     Quartic surface
- 36     Curves in space
- 36M47   Knots
- 4      **Four dimensions**
- 5      **Five dimensions**

- 7      ***n* dimensions**
- 9      **Non-Euclidean**
- 91     Elliptic
- 92     Hyperbolic
- M46   Line-complex

*Divisions based on the train of  
Method or M  
Characteristic*

- 1      Enumerative
- 2      Algebraic
- 23     Elementary co-ordinate geometry
- 25     Algebraic geometry with the use of higher algebra
- 3      Differential geometry
- 32     Infinitesimal geometry
- 34     With the aid of vectors
- 35     Higher differential geometry
- 4      Practical geometry
- 5      Descriptive geometry
- 6      Pure geometry
- 7      Projective geometry including differential projective geometry

## B7 MECHANICS

*Divisions based on the train of  
Matter or M  
Characteristic*

- 1      **Solids**
- 11     **Particles**
- 117    Systems of particles.
- Chains**
- 12     **Surfaces**



## MATHEMATICS

127	Systems of surfaces. Flexible surfaces	222	Multiple forces
13	<b>Rigid bodies</b>	224	Impulses
137	Systems of rigid bodies. Jointed frames	24	Constrained motion
15	Elastic bodies	25	Irrotational
19	Special systems	251	Streamline
192	Tops. Gyroscopes	253	Turbulent
193	Ballistics	254	Discontinuous
196	Pendulums	26	Rotational
5	<b>Liquids</b>	291	Motion of solids (in liquids and gases)
51	Perfect	3	<b>Equilibrium.</b>
55	Compressible	391	<b>Statics</b>
56	Viscous	5	Floating bodies
8	<b>Gases</b>	55	<b>Vibrations</b>
		61	Waves
		63	Tautochrones
		66	Brahystochrones
			Isochronism

*Divisions based on the train of  
Problem or P  
Characteristic*

1	<b>Fundamental prin- ciples</b>
11	Inertia
111	Centre
112	Moments and axes
12	D'Alembert's
13	Hamilton's. L e a s t action
15	<b>Archimedes'</b>
151	<b>Centre of pressure</b>
162	Virtual velocity
163	Virtual work
2	<b>Motion. Dynamics</b>
21	Kinematics
22	Kinetics
221	Single force. Central forces

### B8 PHYSICO-MATHE- MATIC S

B82	Potential function and attraction
B85	Wave function

### B9 ASTRONOMY

#### B9 [B] : [P]

*Divisions based on the train of  
Body or B  
Characteristic*

1	Earth
2	Moon
3	Sun
4	Planets
41	Mercury and infra- Mercurial
42	Venus
43	Mars

## MATHEMATICS

44	Asteroids	161	Sidereal time
45	Jupiter	162	Local time
46	Saturn	165	Standard time
47	Uranus	17	<b>Calendars</b>
48	Neptune	18	Eras
49	Trans-Neptunian	2	<b>Geodetic astronomy</b>
<b>5</b>	<b>Meteors and comets</b>	21	Geographical positions
51	Meteors	22	Meridian
52	Comets	23	Longitude
55	Zodiacal light	24	Latitude
<b>6</b>	<b>Stars</b>	<b>5</b>	<b>Spherical astronomy</b>
61	Constellation stars	51	Celestial sphere and coordinates
62	Double stars		
63	Multiple stars	52	Reduction to centre of earth
64	Clusters and nebulæ		
641	Milky way	521	Refraction
<b>7</b>	<b>Planetary systems</b>	5212	Dip of horizon
78	Satellites	5215	Twilight
		522	Parallax
	<i>Divisions based on the train of</i>	53	Correction for move- ment of earth
	<b>Problem or P</b>		
	<i>Characteristic</i>		
<b>1</b>	<b>Chronology</b>	531	Aberration
11	Year	532	Annual parallax
112	Lunar year	535	Star reduction
113	Solar year	55	Position of the pole
12	Month	56	Ecliptic
122	Lunar month	<b>57</b>	<b>Eclipses</b>
123	Solar month	575	Occultations
13	Week	578	Transits
14	Day	58	Calculations of ephi- merides
143	Solar day		
1431	True solar day	<b>6</b>	<b>Physical astronomy, astrophysics</b>
1432	Mean solar day		
<b>1435</b>	<b>Equation of time</b>	61	Position
146	Sidereal day	611	Movement
15	Subdivision of day	62	Constants
16	Time reckoning	621	Dimensions and figure

## MATHEMATICS

622	Mass	7	<b>Theoretical astro-</b>
623	Density		<b>nomy, celestial me-</b>
624	Distance		<b>chanics</b>
63	Rotation and surface	72	Orbits
631	Rotation	73	Problem of three
635	Surface		bodies
6358	Atmosphere	74	Perturbations, plane-
			tary theory
642	Temperature	75	Perturbations, lunar
643	Radiation		theory
652	Brightness	76	Rotation and figures of
653	Spectroscopy		equilibrium
		77	Perturbed rotation
67	Age	78	Tides
68	Constitution	8	<b>Cosmogony</b>

## C PHYSICS

<p><i>Canonical divisions</i></p> <p><b>C1</b> Fundamentals</p> <p><b>C2</b> Properties of matter</p> <p><b>C3</b> Sound</p> <p><b>C4</b> Heat</p> <p><b>C5</b> Light, radiation</p> <p><b>C6</b> Electricity</p> <p><b>C7</b> Magnetism</p> <p><b>C8</b> Cosmic hypotheses (time, space, energy, matter)</p> <p><b>C1</b> Fundamentals</p> <p>3 Matter</p> <p>31 Weight</p> <p>38 Gravitation</p> <p>4 Energy</p> <p>5 Space</p> <p>51 Linear dimensions</p> <p>52 Areas</p> <p>53 Volumes</p> <p>6 Time</p> <p><b>C2 PROPERTIES OF MATTER</b></p> <p><b>C2 [S] : [P]</b></p> <p><i>Divisions based on the train of State or S Characteristic</i></p> <p>1 Solids</p> <p>16 Crystals</p> <p>5 Liquids</p>	<p>8 Gases</p> <p>85 Molecular rays</p> <p>86 Corpuscular rays</p> <p>863 Canal rays, <math>\alpha</math> rays</p> <p>866 Cathode rays, <math>\beta</math> rays</p> <p style="text-align: center;"><i>Divisions based on the train of Problem or P Characteristic</i></p> <p>1 <b>Density</b></p> <p>2 <b>Hardness, touch, taste, smell</b></p> <p>5 <b>Elasticity</b></p> <p>51 Elongation</p> <p>52 Bending</p> <p>53 Elasticity of volume</p> <p>55 Elasticity of shape</p> <p>6 <b>Capillarity etc.</b></p> <p>61 Capillarity</p> <p>62 Surface tension</p> <p>63 Viscosity</p> <p>7 <b>Pressure</b></p> <p>76 <b>Vacuum</b></p> <p><b>C3 SOUND</b></p> <p><b>C3 [W] : [P]</b></p> <p><i>Divisions based on the train of Wave length or W Characteristic</i></p> <p>1 Audible sound</p> <p>2 Infra sound</p> <p>5 Ultra sound</p>
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## PHYSICS

*Divisions based on the train of  
Problem or P  
Characteristic*

<b>1</b>	<b>Propagation</b>
11	Velocity
12	Reflection
13	Refraction
<b>2</b>	<b>Intensity</b>
<b>3</b>	<b>Pitch etc.</b>
31	Pitch
33	Musical scale
35	Resonance
358	Resonators
38	Analysis
<b>5</b>	<b>Beats, diffraction, interference</b>
<b>8</b>	<b>Nature</b>

### C4 HEAT

*Divisions based on the train of  
Problem or P  
Characteristic*

<b>1</b>	<b>Transference</b>
13	Convection
14	Conduction
15	Radiation
<b>2</b>	<b>Thermometry</b>
21	Low temperature measurement
27	Pyrometry (high temperature measurement)
29	Thermometers
<b>3</b>	<b>Calorimetry etc.</b>
31	Calorimetry
32	Quantity of heat
33	Specific heat

<b>4</b>	<b>Expansion of bodies</b>
<b>5</b>	<b>Change of state</b>
51	Fusion
511	Solidification
512	Melting point
513	Change of volume during fusion
514	Latent heat of fusion
52	Sublimation
55	Vaporization, evaporation, ebullition
551	Liquefaction
552	Boiling point
554	Latent heat of vaporization
58	Critical state
582	Critical point

<b>7</b>	<b>Thermodynamics</b>
71	First law
714	Mechanical equivalent of heat
72	Second law
722	Absolute temperature
73	Third law
<b>8</b>	<b>Nature of heat</b>

### C5 LIGHT, RADIATION C5 [W] : [P]

*Divisions based on the train of  
Wave length or W  
Characteristic*

<b>1</b>	<b>Visible rays</b>
12	Red
13	Orange
14	Yellow
15	Green

## PHYSICS

- 16 Blue
- 17 Indigo
- 18 Violet
- 2 Ultra violet rays
- 3 X-rays
- 4 Gamma rays
- 5 Cosmic rays
- 6 Infra red rays
- 7 Hertzian waves

*Divisions based on the train of  
Problem or P  
Characteristic*

- 1 **Propagation**
- 11 Velocity
- 12 Reflection
- 13 Refraction
- 2 **Photometry**
- 3 **Dispersion, spectroscopy**
- 31 Technique of the spectrum
- 32 Continuous spectrum
- 33 Band spectrum
- 34 Line spectrum
- 38 Effects

*Special effects by the  
Chronological Device  
(illustrative)*

- 38M76 Kerr effect
- 38M96 Zeeman effect
- 38N13 Stark effect
- 38N23 Compton effect
- 38N28 Raman effect
- 5 **Interference etc.**
- 51 Interference
- 55 Diffraction
- 58 Scattering

- 6 **Double refraction and polarization**
- 65 Elliptic polarization
- 68 Rotatory polarization
- 7 **Absorption etc.**
- 71 Absorption
- 72 Emission
- 73 Fluorescence
- 74 Phosphorescence

### 8 **Nature of light**

*Special theories by the  
Chronological Device  
(illustrative)*

- 8K75 Corpuscular theory
- 8K90 Wave theory
- 8M00 Elastic solid theory
- 8M65 Electromagnetic theory

### C6 ELECTRICITY

C6 [E] : [P]

*Divisions based on the train of  
Electricity or E  
Characteristic*

- 2 **Current electricity**
- 23 Direct current
- 24 Alternating current
- 242 Two-phase
- 243 Three-phase
- 248 Multiphase
- 25 Weak current

### 3 **Statical electricity**

*Divisions based on the train of  
Problem or P  
Characteristic*

- 1 **Production, storage, propagation**
- 11 Primary cells

## PHYSICS

- |  |  |  |
|--|--|--|
| 12   | Induction  | <i>Special theories by the<br/>Chronological Device<br/>(illustrative)</i>                       |
| 14   | Conduction   |  |
| 141  | Dielectrics  |  |
| 15   | Radiation  | C81N05 Relativity (special)  |
| 18   | Secondary cells.<br>Storage                        |  |
| 2  | Potential  | C82 Energy, matter<br><i>Special theories by the<br/>Chronological Device<br/>(illustrative)</i> |
| 3  | Measurement  |  |
| 4  | Transformation in-<br>to other forms of<br>energy. | C82N26 Wave mechanics,<br>statistical mecha-<br>nics   |
| 44   | Thermo-electricity                                 |  |
| 45   | Photo-electricity                                  | C83 Matter<br><i>Special theories by the<br/>Chronological Device<br/>(illustrative)</i>         |
| 47   | Magneto-electricity                                |  |
| 8  | Nature of electri-<br>city                         | C83M57 Kinetic theory<br>C83M95 Electron theory<br>C83M96 Radioactivity                          |
| <b>C7 MAGNETISM</b>  |  |  |
| <b>C7 [M]: [P]</b>   |  |  |
| <i>Divisions based on the train of<br/>Magnetism or M<br/>Characteristic</i> |  |  |
| 2  | Dia magnetism                                      |  |
| 3  | Para magnetism                                     |  |
| 4  | Ferro magnetism                                    |  |
| 5  | Terrestrial magne-<br>tism                         | C84 Energy<br><i>Special theories by the<br/>Chronological Device<br/>(illustrative)</i>         |
| <i>Divisions based on the train of<br/>Problem or P<br/>Characteristic</i>   |  |  |
| 2  | Intensity  | C84K86 Gravitation<br>C84M60 Ether theory<br>C84M65 Electromagnetic<br>theory                    |
| 8  | Nature   | C84N01 Quantum theory  |
| <b>C8 COSMIC HYPOTHESES</b>  |  |  |
| <b>(Time, space, energy, matter)</b>   |  |  |
| <i>Special theories by the<br/>Chronological Device<br/>(illustrative)</i>   |  |  |
| <b>C81</b>   | <b>Time, space</b>                                 | C85 Space<br>C86 Time<br>C8N05 Relativity<br>(general)   |

## D ENGINEERING

D [W]: [P]: [E]

D6—[S]: [P]: [E]

<i>Divisions based on the train of</i>	<b>411</b>	<b>Roads, highways</b>
<b>Work or W</b>	4111	Wood paved
<i>Characteristic</i>	4112	Earth
<b>1 Building and building material</b>	4113	Macadam
11 Wood	41131	Water bound
12 Earth	41132	Tar bound
124 Refractory materials	4114	Stone paved
13 Brick	4115	Cement
14 Stone	4116	Reinforced concrete
141 Granite	4117	Asphalt
143 Sand stone	4119	Other kinds
15 Cement	<b>415</b>	<b>Rail roads</b>
16 Reinforced concrete	4151	Street railways
18 Steel and other metals	4152	Light railways
19 Others	4153	Ordinary railways
191 Plywood	41531	Narrow gauge
194 Caves	41532	Metre gauge
	41533	Standard gauge
	41534	Broad gauge
	4154	Underground rail-ways
<b>2 Irrigation and drainage work</b>	4156	Mountain railways
24 Underground water	<b>416</b>	<b>Bridges</b>
26 River	4161	Wooden
27 Tank	4162	Suspension
28 Drainage	4163	Masonry
284 Subsoil	4164	Stone
	4165	Culverts
<b>3 Mining</b>	4166	Reinforced concrete
<b>4 Transport—track</b>	4168	Steel
41 Land transport	4169	Other bridges



## ENGINEERING

41698	Cantilever	515328	Trucks for heavy goods
<b>4194</b>	<b>Tunnels</b>	51533	Passenger carriages
<b>42</b>	<b>Water transport</b>	515331	Saloons
421	Inland canal	515332	Higher class carriages
423	River	515333	Lower class carriages
424	Inter-oceanic canal	515334	Military carriages
425	Ocean	515335	Dining cars
4254	Submarine	515336	Tourist carriages
<b>43</b>	<b>Air transport</b>	<b>52</b>	<b>Water transport vehicles</b>
<b>44</b>	<b>Rope ways</b>	521	Boats
<b>5</b>	<b>Transport—vehicles</b>	523	Steam boats
51	Land transport vehicles	525	Ships
511	Vehicles carried by muscular power	5251	Sailing ships
5111	Palanquin	<b>5253</b>	<b>Steam and motor ships</b>
5112	Chairs	52532	Cargo ships
5113	<i>Dohes</i>	525325	Old ships
512	Vehicles drawn by muscular power	52533	Passenger ships
5121	Country carts	52534	Men-of-war
5122	Spring carts	5254	Submarines
5125	Cycles	<b>53</b>	<b>Air vehicles</b>
513	Vehicles drawn by mechanical power	531	Air vehicles lighter than air
5132	Motor trucks	535	Air vehicles heavier than air
5133	Motor cars	54	Stratosphere vehicles
5135	Motor cycles	<b>6</b>	<b>Mechanical engineering</b>
515	Railroad vehicles	<b>62</b>	<b>Principles of mechanism and special devices</b>
5151	Tram cars	621	Shafting
<b>5153</b>	<b>Railway carriages</b>		
51532	Railway trucks		
515321	Open trucks		
515322	Parcel vans		
515323	Animal van		
515325	Oil vans		

## ENGINEERING

6211	Shaft	64	<b>Heat engines</b>
62115	Flexible shaft	641	<b>External combustion engines, steam engines</b>
6212	Bearings		
62121	Journal bearings		
62122	Pillow blocks, hanger brackets	643	Piston engines
		645	Turbines
62123	Pivot bearings		
62124	Collar bearings	646	<b>Internal combustion engines</b>
62125	Ball and roller bearings	6465	Oil engines
		6466	Diesel engines
622	Belt gearing	6467	Gas engines
6221	Pulleys	6468	Hot air engines
6222	Belting		
6223	Belt shifters	66	<b>Electrical engineering</b>
6224	Rope transmission		
6225	Chain gearing	663	Direct current
6226	Link belting	664	Alternating current
623	Toothed gearing, cams	6642	Two-phase
		6643	Three-phase
624	Screws	6648	Multi-phase
625	Springs	665	Weak current
626	Valve gear	666	Wireless, high frequency
627	<b>Lubrication</b>		
6291	Governors, regulation and control	8	<b>Municipal and sanitary engineering</b>
6292	Speed and revolution indicators	85	<b>Water supply</b>
6296	Dynamo-meters	851	<b>Sources and head works</b>
635	<b>Hydraulic engineering</b>	8514	Underground
		85141	Wells
6351	Water wheel	85144	Artesian wells
6353	Piston engines	8517	Rivers
6355	Turbines	8518	Reservoirs, tanks, lakes
638	<b>Pneumatic engineering</b>	854	<b>Pollution</b>
6381	Windmill	855	<b>Purification</b>
6385	Turbines	8551	<b>Mechanical treatment</b>
6387	Compressed air		

## ENGINEERING

85511	Settling		<i>Divisions based on the train</i>
85512	Filtration		<i>of Part or P</i>
855121	Natural		<i>Characteristic</i>
855122	Sand		<i>(For 1 Building and its</i>
855128	Domestic filters		<i>subdivisions)</i>
8552	Physical treatment	1	<b>Earth work</b>
85525	Ultra violet ray	2	<b>Foundations</b>
85526	Electrical	3	Floor
8553	Chemical treatment	4	Supports
		41	Walls
		45	Pillars
	<i>(To be divided by substance</i>	5	Stair ways
	<i>used as in 'E Chemistry')</i>	6	<b>Roofs</b>
		61	Beams and trusses
		62	Rafters
		63	Roof covering
		7	<b>Windows</b>
		72	Window frames
		75	Window gratings
		78	Window shutters
		8	Doors
		82	Door frames
		85	Hinges
		88	Door proper
		89	Fastening devices
		9	Ventilation, etc.
		91	Domestic water
			supply
		92	House drainage
		93	Ventilation
		94	Heating, cooling
		95	Lighting
		98	Sanitary fittings
		996	Lightning protection
			<i>(For 2 Irrigation and its</i>
			<i>subdivisions)</i>
856	<b>Distribution</b>		
8561	Pumping station		
8562	Water tower		
8564	Pipes		
85641	Main pipes		
85645	House connections		
85698	Prevention of waste		
86	<b>Sewage</b>		
862	House connection		
864	Sewers		
865	Pumping station		
866	Sewage disposal		
8662	Irrigation, sewage		
	farms		
8664	Disposal into		
	streams, sea, etc,		
8665	Purification		
8666	Septic tanks		
88	<b>Municipal refuse</b>		
	<b>and waste</b>		
882	House collections		
885	Street cleaning	1	Source, catchment
886	Refuse disposal	2	Head works

## ENGINEERING

3	Surplus works	7	<b>Dangers and accidents</b>
4	Distributive works		
5	Cross- drainage works.	71	Fire damp
		72	Mine fires
8	Flood protecting and river training work	73	Crushing and fall of ground
	<i>(For 3 Mining and its subdivisions)</i>	74	Flooding
		75	Accidents to miners
<b>1</b>	<b>Preliminaries</b>	76	Rescue and relief
11	Excavation	92	Drainage
12	Quarrying	93	Ventilation
13	Drilling, blasting	94	Heating, cooling
14	Deep boring	95	Lighting
15	Shaft sinking		<i>(For 411 Roads and its subdivisions)</i>
16	Tunnelling and drifting	<b>1</b>	<b>Earth work</b>
17	Stoping	2	Foundation
18	Timbering, masonry lining	<b>3</b>	<b>Surface</b>
		4	Gradients
<b>2</b>	<b>Ore dressing</b>	5	Curves
21	Preliminary operations	6	Pavements
22	Hand dressing	7	Berms, avenue, etc.
23	Crushing, stamping engine	8	Gates, traps
		9	Other parts
24	Screening	92	Drainage arrangement
25	Jigging, ore concentrators	94	Signals
		<i>(For 415 Railways and its subdivisions)</i>	
26	Slime treatment	<b>1</b>	<b>Earth work</b>
27	Magnetic separation	2	Foundation
28	Washing	3	Surface
29	Dressing works	31	Ballast
<b>4</b>	<b>Hoisting, transport</b>	33	Sleepers
44	Underground roads	35	Rails
45	Vehicles	4	Gradients
46	Haulage	5	Curves
47	Hoist and elevators	6	Banks, cuttings
48	Surface transport		

## ENGINEERING

7	Berms	5	Springs
8	<b>Station yards</b>	6	Body
85	Points and crossings	61	Steps
87	Platforms	63	Floor
9	Other parts	64	Supports
92	Drainage	65	Stairways
94	Signals	66	Roof
	<i>(For 416 Bridges and its subdivisions)</i>	67	Windows
1	<b>Earth work</b>	68	Doors
2	Foundation	7	Propelling arrangement
4	Piers, abutments and wing walls	8	Braking arrangement
5	Wind bracings, parapets, etc.		<i>Divisions based on the train of Secondary work or S</i>
6	Bridge proper		<i>Characteristic</i>
8	Approaches, river training works		<i>(For 6 Mechanical Engineering and its subdivisions)</i>
	<i>(For 42 Waterways and its subdivisions)</i>	1	<b>Generation</b>
1	<b>Earth work, dredging</b>	2	<b>Transmission</b>
4	<b>Locks</b>	3	<b>Transformation</b>
7	Towpaths	4	<b>Traction</b>
8	<b>Harbours</b>		<i>(To be subdivided on the analogy of Work Division 5)</i>
87	Jettys, piers	5	<b>Illumination</b>
88	Docks	6	<b>Machinery</b>
94	Signals	7	<b>General machinery</b>
	<i>(For 43 Airways and its subdivisions)</i>	71	Lifts
8	Aerodromes	711	Jacks, derricks
94	Signals	712	Elevators
	<i>(For 5 Vehicles and its subdivisions)</i>	72	Hoisting machinery
1	Wheels and tyres	73	Conveying machinery
2	<b>Axle</b>	74	Pressing machinery
		8	<b>Workshop machinery</b>
		81	Planing machines

## ENGINEERING

811	Planers	9MJ381	Rice husking machines
812	Shapers		
813	Slotting machines		
814	Grooving machines		<i>Subdivisions of divisions based on the train of</i>
82	Turning machines		<b>Secondary work or S</b>
821	Lathes		<i>Characteristic (illustrative)</i>
824	Screw cutting machines		<i>(For 64 Heat engines and its subdivisions)</i>
825	Milling machines		
831	Saws	1	<b>Generation</b>
835	Shears	12	Engine room
84	Perforating machines	121	Engine
		15	Fuel
841	Punching machines		<i>(For 66 Electrical engineering and its subdivisions)</i>
8418	Multiple punching machines	1	<b>Generation</b>
845	Drilling machines	11	Prime mover and its adjuncts
851	Filing machines		
852	Emery wheels	1135	Hydraulic
853	Grind stones	114	Heat engine
854	Abrasives	12	Generating room
86	Bending machines including straightening machines	121	Generator
			<i>Special types indicated by Chronological Device</i>
87	Hammers	122	Cables to the bus room
88	Crushing machines		
9	<b>Other machinery</b>	123	Metering transformers
	<i>Divisions by the Subject Device (Illustrative)</i>	1234	Circuit breakers
		125	Switch-gear
9D201	Excavating machinery	126	Condenser well
		13	Bus structure
9D85	Pumping machinery	131	Buses
9M14	Printing machinery	132	Feeders
9M7	Textile machinery	133	Metering transformers
9MC421	Refrigerating machinery	134	Circuit breakers
9MJ38	Flouring machines	14	Transformers

## ENGINEERING

15	Switch-gear	113	Frames
16	Control room	114	Moving loads
18	Storage	115	Retaining walls
<b>2</b>	<b>Transmission</b>	116	Slabs
21	Overhead	117	Arches
24	Underground	118	Wind stresses
254	Submarine	<b>13</b>	<b>Graphical statics</b>
29	Special problems	<b>15</b>	<b>Hydraulics</b>
291	Corona	151	Catchment
292	Insulation	155	Flow
294	Short circuits	1551	In pipes
296	Lightning protection	1552	In channels
<b>3</b>	<b>Transformation</b>	<b>18</b>	<b>Pneumatics</b>
31	Voltage	185	Flow
32	Current	1851	In tubes
33	Frequency	1858	Air currents
34	Phase	<b>2</b>	<b>Surveying</b>
36	A. C. to D. C. and <i>vice versa</i>	21	Levelling
38	Motors	22	Land surveying
<b>4</b>	<b>Transport</b>	221	Theodolite survey
		28	Aerial surveying
<i>In addition to the divisions under</i>		<b>32</b>	<b>Strength of materials</b>
<i>'5 transport' the following</i>			
<i>are to be used</i>		<b>35</b>	<b>Elastic stability</b>
45	Television	<b>4</b>	<b>Design, drawing</b>
47	Telegraphy	<b>5</b>	<b>Specific a t i o n s,</b>
48	Telephony		<b>quantities</b>
485	Broadcasting	<b>6</b>	<b>Estimates, values</b>
		<b>7</b>	<b>Construction, execution</b>
<i>Divisions based on the train</i>		<b>71</b>	<b>Earthwork and excavation</b>
<i>of Engineering or E</i>			
<i>Characteristic</i>		<b>78</b>	<b>Measurements</b>
<b>1</b>	<b>Applied mechanics</b>	<b>8</b>	<b>Working, etc.</b>
<b>11</b>	<b>Structural mechanics</b>	<b>81</b>	<b>Testing</b>
<b>111</b>	<b>Beams, cantilevers</b>	<b>82</b>	<b>Maintenance</b>
<b>112</b>	<b>Columns</b>	<b>825</b>	<b>Renewals</b>

## ENGINEERING

83	Working	e211	Voltage detectors
85	Repairs	e3	Current meters
	<i>Divisions of Common Sub-</i>	e31	Ammeters
	<i>division digit 'e'</i>	e32	Coulombmeters
	<i>(illustrative)</i>	e33	Ampere hour meters
	<i>(For Work Division 66)</i>	e34	Voltmeters
e1	Resistance meters	e4	Quantity meters
e11	Ohm meters	e41	Watt meters
e12	Resistance-boxes	e5	Energy meters
e16	Wheatstone's bridge	e51	Watt-hour meters
e2	Voltage meters	e52	Power-factor meters
e21	Voltmeters		



## E CHEMISTRY

E [P]: [S]

<i>Divisions based on the train</i>	231	Alloys
<i>of Problem or P</i>	232	Absorption, surface
<i>Characteristic</i>		phenomena
<b>1</b>	<b>General</b>	<b>235</b>
11	Preparation	236
13	Isomorphism	237
14	Atomic weight, molecular weight	238
17	Periodic system	2381
<b>2</b>	<b>Physical chemistry</b>	<b>24</b>
21	Chemical combination and action	25
211	Laws of chemical combination	26
213	Statics and dynamics of chemical action	27
2131	Combustion, flame	28
2133	Phase rule	281
2136	Ionisation	282
214	Chemical affinity	296
215	Valency	<b>3</b>
<b>22</b>	<b>Solutions</b>	<b>Analytical chemistry</b>
2201	Solubility	33
2204	Thermal effect	34
2205	Photo effects	35
2206	Electrical effect	36
2207	Magnetic effect	39
221	Solids	04
225	Liquids	05
228	Gases	06
23	Mixtures	<b>4</b>
		<b>Synthesis</b>
		<b>5</b>
		<b>Extraction</b>

*Subdivisions applicable to 3 and its divisions*

# CHEMISTRY

<b>7</b>	<b>Biochemistry</b>	<b>10</b>	<b>Group 0</b>
	<i>(All the divisions of E based on the train of P Characteristic are applicable to '7 Biochemistry')</i>	100	Helium (He)
<b>8</b>	<b>Manipulation</b>	101	Neon (Ne)
81	Oxidation, reduction	102	Argon (A)
82	Hydration, dehydration	104	Krypton (Kr)
831	Crystallisation	106	Xenon (Xe)
832	Sublimation	109	Radon (Rn)
835	Distillation		Niton (Nt)
84	Manipulation of temperature	<b>11</b>	<b>Group 1</b>
85	Indicator and test paper	110	Hydrogen (H)
856	Polarisation	1109	Lithium (Li)
86	Electrical methods	111	Sodium (Na)
87	Fermentation	112	Potassium (K)
871	Direct	1129	<i>Ammonium</i>
872	Indirect	113	Copper (Cu)
877	Symbiotic	114	Rubidium (Rb)
88	Catalysis	115	Silver (Ag)
89	Other methods	116	Cesium (Cs)
891	Reagents	117	Dysprosium (Dy)
892	Filtration		or (Ds)
893	Assaying	1179	Holmium (Ho)
896	Glass-blowing	118	Gold (Au)
897	Absorption	<b>12</b>	<b>Group 2</b>
898	Recovery of waste	120	Beryllium (Be)
91	Nomenclature, classification	121	Magnesium (Mg)
95	Protection, painting, colouring	122	Calcium (Ca)
	<i>Divisions based on the train of Substance or S Characteristic</i>	123	Zinc (Zn)
		124	Strontium (Sr)
		125	Cadmium (Cd)
		126	Barium (Ba)
		127	Erbium (Er)
		1279	Thulium (Tm) or (Tu)
		128	Mercury (Hg)
		129	Radium (Ra)
<b>1</b>	<b>Inorganic substances</b>	<b>13</b>	<b>Group 3</b>
		130	Boron (B)

## CHEMISTRY

131	Aluminium (Al)	161	Sulphur (S)
132	Scandium (Sc)	162	Chromium (Cr)
133	Gallium (Ga)	163	Selenium (Se)
134	Yttrium (Yt) or (Y)	164	Molybdenum (Mo)
135	Indium (In)	165	Tellurium (Te)
136	Lanthanum (La)	166	Samarium (Sm)
137	Ytterbium (Yb)	1669	Europium (Eu)
1379	Lutecium (Lu)	167	Tungsten (W)
138	Thallium (Tl)	168	Polonium (Po)
139	Actinium (Ac)	169	Uranium (U)
<b>14</b>	<b>Group 4</b>	<b>17</b>	<b>Group 7</b>
140	Carbon (C)	170	Fluorine (F)
141	Silicon (Si)	171	Chlorine (Cl)
142	Titanium (Ti)	172	Manganese (Mn)
143	Germanium (Ge)	173	Bromine (Br)
144	Zirconium (Zr)	174	Masurium (Ma)
145	Tin (Sn)	175	Iodine (I) or (J)
146	Cerium (Ce)	176	Gadolinium (Gd)
1469	Praseodymium (Pr)	1769	Terbium (Tb)
147	Celtium (Ct) or (Hf)	177	Rhenium (Re)
148	Lead (Pb)	<b>18</b>	<b>Group 8</b>
149	Thorium (Th)	182	Iron (Fe)
<b>15</b>	<b>Group 5</b>	1829	Nickel (Ni)
150	Nitrogen (N)	183	Cobalt (Co)
151	Phosphorus (P)	184	Ruthenium (Ru)
152	Vanadium (V)	1849	Palladium (Pd)
153	Arsenic (As)	185	Rhodium (Rh)
154	Columbium (Cb) Niobium (Nb)	187	Osmium (Os)
155	Antimony (Sb)	1879	Platinum (Pt)
156	Neodymium (Nd)	188	Iridium (Ir)
157	Tantalum (Ta)	191	Metals
158	Bismuth (Bi)	1911	Noble metals
159	Protoactinium (Pa)	1917	Radio-active metals
<b>16</b>	<b>Group 6</b>	192	Rare elements
160	Oxygen (O)	193	Alloys
		195	Non-metals
		196	Isotopes
		198	Air, gases

## CHEMISTRY

2	Hydroxyls, basic oxides	64	Di-olefines or allenes
	<i>(To be divided by the constituent element and its valency)</i>	641	Allenes
27	Binaries other than water, which are neither hydroxyls nor acids nor salts	65	Acetylene series
	<i>(To be divided successively by the two constituent elements and their respective valencies)</i>	651	Acetylene
		652	Allylene
		658	<i>n</i> th homologue
		67	Alicyclic compounds; camphors and terpenes
		68	Carbohydrates
		681	Monosaccharides
3	Acids, acidic oxides	6811	Pentoses (arabinose)
	<i>(To be divided by the constituent element and its valency)</i>	6813	Hexoses (glucose)
		682	Disaccharides
		6821	Maltose
		683	Trisaccharides
4	Salts	688	Polysaccharides
	<i>(To be divided by the constituent elements and their respective valencies)</i>	6891	Pentosans
		6892	Starch
		6893	Gums
5	Organic substances	6894	Cellulose
6	Aliphatic compounds	6898	Glucosides
61	Paraffins	7	Aromatic compounds
611	Methane	71	Aromatic hydrocarbons
612	Ethane	711	Benzene
613	Propane	712	Naphthalene
614	Butanes	713	Anthracene
615	Pentanes	72	Reduced aromatic compounds
616	Hexanes	8	Heterocyclic compounds
618	<i>n</i> th homologue	9	Bio-substances
63	Olefines	92	Alkaloids
632	Ethylene		
633	Propylene		
634	Butylenes		
638	<i>n</i> th homologue		

## CHEMISTRY

92J	Vegetable alkaloids		<i>Other substances by the</i>
92K	Animal alkaloids		<b>Subject Device</b>
92Z	Proteins		<i>Divisions based on the train of</i>
92ZJ	Vegetable proteins		<b>Combination or C</b>
92ZK	Animal proteins		<i>Characteristic</i>
94	Fats		<i>(For substance numbers</i>
95	Pigments	1	<b>Halogen derivatives</b>
96	Lipins	2	<b>Hydroxyls alcohols</b>
97	<b>Vitamins</b>		<b>phenols</b>
971	Vitamin A	28	<b>D e r i v a t i v e s of</b>
972	Vitamin B		<b>alcohol</b>
973	Vitamin C	281	Ethers
974	Vitamin D	283	Aldehydes
975	Vitamin E	285	Ketones
977	Vitamin G		
981	Chlorophyll	3	<b>Organic acids</b>
9814	<b>Porphyrine</b>	38	<b>Derivatives of acids</b>
982	Enzymes	383	Esters
9821	Oxidases	385	Anhydrides
9822	Hydrolytic enzymes	5	<b>Nitrogen com-</b>
986	Hormones		<b>pounds</b>
993	Creatine and creati-	51	Amino-compounds
	nine	537	Azo-compounds
994	Pectin	55	Diazo-compounds
996	Sterids	57	Nitro-compounds
998	Tannin	59	Other nitrogen com-
			<b>pounds</b>
		591	Cyanogen c o m-
			<b>pounds</b>
		6	<b>Sulphur c o m-</b>
			<b>pounds</b>
		8	<b>Compounds with</b>
			<b>other elements</b>

## F TECHNOLOGY

F [S]: [P]

	<i>Divisions based on the train of</i>	56	<b>Drugs</b>
	<b>Substance or S</b>	57	<b>Textiles</b>
	<i>Characteristic</i>	573	Artificial silk
	<i>Same as in E Chemistry and</i>	58	<b>Dyes</b>
	<i>in addition the following</i>	5895	Paints
4414	Refractory materi- als	5897	Tanning materials
4416	Enamels	594	Poisons
527	Celluloid	596	Spices, condiments
<b>54</b>	<b>Alcohols</b>	5964	Vinegar
547	Wines	943	Edible oils
548	Beer	9491	Candles
<b>55</b>	<b>Fuels</b>	9495	Drying oils
551	Coal	9496	Soaps
555	Petroleum		
5552	Petrol		
558	Fuel gas		
5591	Matches		
<b>5594</b>	<b>Explosives</b>		

## G NATURAL SCIENCE (GENERAL) AND BIOLOGY

G [O]: [P]

<i>Divisions based on the train of Organ or O Characteristic</i>	<i>Divisions based on the train of Problem or P Characteristic</i>
<b>1</b> <b>Basic and regional Life</b>	<b>1</b> <b>Preliminaries</b>
11      Cells	11      Nomenclature, clas- sification
111     Cell membrane	12      Natural history
1115    Cilia	13      Popular description
112     Cytoplasm	14      Pictures
1121    Cytoplasm proper	17      Collecting
1122    Centrosome	18      Lists
1123    Chondriosomes	<b>19</b> <b>Microscopy</b>
1124    Metaplastic bodies	192     Sectioning
<b>113</b> <b>Nucleus</b>	195     Fixing
1131    Nuclear membrane	196     Mounting
1132    Chromatin	198     Staining
1133    Linin	1995    Microphotography
1134    Nuclear sap, karyo- lymph	<b>2</b> <b>Morphology</b>
1135    Nucleoli	<b>3</b> <b>Physiology</b>
11351   Karyosome	<b>33</b> <b>Metabolism</b>
11352   Plasmosome	331     Anabolism
1137    Golgi apparatus	332     Katabolism
<b>116</b> <b>Gene</b>	33C     Physical effects
12      Tissues	33C2    Material vibration and movement
	33C4    Heat production
	33C5    Radiation produc- tion, Mitogenetic- radiation

*Other organ numbers same as in  
L Medicine and I Botany  
as the case may be.*

## NATURAL SCIENCE (GENERAL) AND BIOLOGY

33C6	Electrical effects	573	Nutrition
33C7	Magnetic effects	575	Cleanliness, toilet
33E	Chemical effects	576	Regulation of habits
341	Inanition	58	Migration
345	Water fasting	59	Other habits
<b>346</b>	<b>Fasting</b>	<b>6</b>	<b>Genetics, phylo-</b>
	<i>Each of the above three to be divided as 33</i>	61	<b>geny</b>
394	Fatigue	62	Heredity
<b>4</b>	<b>Pathology</b>	<b>63</b>	Variation
	<i>(To be subdivided as in</i>	64	Mutation
	<b>L Medicine)</b>	<b>65</b>	Hybridisation
			Survival of the fittest
<b>5</b>	<b>Ecology</b>	<b>66</b>	<b>Evolution</b>
51	Preliminaries	67	<b>R e p r o d u c t i v e</b>
511	Nomenclature, clas-		<b>m e t h o d s</b>
	sification	671	Abiogenesis
52	State control. Con-	674	Parthenogenesis
	servation	675	Sexual
54	Prevention of disea-	676	Asexual
	ses and injuries	677	Alternation of gene-
			rations
55	Environment		<b>Ontogeny</b>
551	Ground	7	Fertilisation
555	Water	71	Germination
556	Season	72	Embryology
5561	Spirling	73	Growth after birth
5563	Summer	75	New born
5565	Autumn	751	Toddler
5567	Winter	752	Infant
558	Air	753	Pre-adolescent
56	Interrelation	755	Adolescent
563	Parasitism	76	Adult
565	Intolerance, struggle	77	Old age
567	Symbiosis	78	Death
571	Abode	791	



## H GEOLOGY

<i>Canonical divisions</i>		<i>Subdivisions as in</i>
<b>H1</b> Mineralogy		<b>G Biology</b>
<b>H2</b> Petrology		<i>and the following</i>
<b>H3</b> Structural geology		<i>additional divisions</i>
<b>H4</b> Dynamic geology	15	Prospecting
<b>H5</b> Stratigraphy	155	Occurrence
<b>H6</b> Palaeontology	16	Genesis
<b>H7</b> Economic geology	164	Artificial production
<b>H8</b> Cosmic hypothesis		
<b>H1 MINERALOGY</b>	8	Crystallography
H1 [S]: [P]	811	Nomenclature, classification
<i>Divisions based on the train of</i>		
Substance or S		
<i>Characteristic</i>	82	Structure, morphology
<i>as in E Chemistry</i>		
<i>and the following</i>	821	Isometric
<i>additional divisions</i>	822	Tetragonal
<b>9</b> Precious stones	823	Hexagonal
<b>91</b> Diamond	8235	Trigonal and rhombohedral
<b>92</b> Ruby and sapphire		
<b>921</b> Ruby		
<b>922</b> Sapphire	824	Orthorhombic
<b>931</b> Opal	825	Monoclinic
<b>95</b> Topaz	826	Triclinic
<b>96</b> Spinel	84	Irregularities
<b>98</b> Pearl	841	Twinning, gliding plane
<b>9944</b> Agate		
<i>Divisions based on the train of</i>		
Problem or P	844	Pseudosymmetry
<i>Characteristic</i>	85	Inclusions
<b>1</b> Preliminaries	864	Artificial production

## GEOLOGY

<b>H2 PETROLOGY</b>	1541	Dolerite
<b>H2 [S]: [P]</b>	1543	Tinguaita
<i>Divisions based on the train of</i>	<b>17</b>	<b>Plutonic rocks</b>
<b>Substance or S</b>	171	Arizonite, silexite
<b>Characteristic</b>	173	Rocks containing quartz and feldspars
<b>1</b> Igneous rocks		Granite
<b>11</b> Volcanic rocks		Tonalite, granodiorite
<b>113</b> Rocks containing quartz and feldspars	1731 1733	
1131 Obsidian		
1132 Rhyolite	174	<b>Rocks containing feldspars</b>
1133 Dacite		Syenite
<b>114</b> Rocks containing feldspars	1741 1744	Diorite
1141 Pitchstone	1747	Anorthite
1142 Trachyte	1748	Gabbros
1143 Andesite	175	<b>Rocks containing feldspars feldspathoids, etc.</b>
1144 Basalt		Nepheline syenite
1145 Tachylyte		Theralite
<b>115</b> Rocks containing feldspars and feldspathoids	1751 1752 1753	Teschenite
1151 Phonolite	1756	Ijolite
1152 Leucitophyre	1758	Peridotite picrite
1153 Limburgite	179	Other plutonic rocks
<b>119</b> Other volcanic rocks	<b>2</b> 21	<b>Metamorphic rocks</b>
<b>15</b> Hypabyssal rocks		<b>Rocks due to regional metamorphism</b>
1511 Aplites		Rocks derived from igneous rocks
1512 Porphyries	211	Rocks derived from sedimentary rocks
1513 Lamprophyres		Crystalline schists
1531 Granophyre	213	Slates
1532 Felsite		
<b>154</b> Rocks containing feldspars alone	2131 2132	

## GEOLOGY

2133	Marble	3482	Ferruginous
2134	Steatite	34821	Bedded iron ores
23	Contact metamorphism	34823	Bog iron ores
231	Lime stone	35	Rocks due to organic origin
233	Shales and slates	3522	Calcareous
235	Conglomerate and sand	35221	Lime stone
3	Sedimentary rocks	35222	Dolomitic lime stone
31	Rudaceous	35223	Oolite and pisolitic lime stone
311	Conglomerate	35224	Abyssal ooze
312	Breccia	35225	Chalk
32	Arenaceous	3540	Carbonaceous
321	Sandstone	35401	Peat
322	Grit	35402	Lignite
323	Arkose	35403	Coal and anthracite
324	Quartzite	35404	Cannel and torbanite
325	Gannister	35406	Oil shale
326	Greywacke	35407	Asphalt and asphaltic impregnation
327	Silt stone	3541	Silicious
33	Argillaceous	35411	Chert and flint
331	Clay	35413	Silicious earth
3311	Fire clay	5	Meteorites
3312	Fuller's clay	<i>Divisions based on the train of Problem or P Characteristic (Same as those for mineralogy except '8')</i>	
3313	Aeolian clay		
3314	Abyssal clay		
3315	Volcanic clay		
3316	Residual clay		
332	Mudstone		
333	Shale		
335	Marl		
336	Calcareous shale		
34	Chemical origin		
3422	Calcareous	<b>H3 STRUCTURAL GEOLOGY</b>	
34221	Calcite		
3423	Dolomite	H31	Stratification
3451	Phosphatic rocks	H32	Joints and cleavage

## GEOLOGY

- |   |  |
|---|--|
| <p>H33      Faults and folding</p> <p>H34      Metamorphism</p> <p>H35      Veins, dikes, necks,<br/>            bosses</p> <p>H36      Mountain building,<br/>            orogeny</p> <p style="text-align: center;"><b>H4 DYNAMIC GEOLOGY</b></p> <p>H41      Hypogene, internal<br/>            dynamics</p> <p>H411     Volcanoes</p> <p>H412     Geysers, hot springs</p> <p>H413     Movements and<br/>            earth's crust</p> <p>H4131    Slow depression,<br/>            upheavals</p> <p>H4132    Earthquakes</p> <p>H418     Other internal<br/>            actions</p> <p>H42      Epigene or super-<br/>            ficial action, ex-<br/>            ternal dynamics</p> <p>H421     Glaciology</p> <p>H422     Action of water</p> <p>H4221    Rain</p> <p>H4223    Floods</p> <p>H4224    Underground water</p> <p>H4225    Ocean</p> <p>H4227    Rivers</p> <p>H4228    Lakes</p> | <p>H423     Action of air</p> <p>H424     Land slides</p> <p>H426     Action of plants</p> <p>H427     Action of animals</p> <p>H428     Action of men</p> <p style="text-align: center;"><b>H5 STRATIGRAPHY</b></p> <p>H51      Archean eozoic,<br/>            pre-Cambrian</p> <p>H52      Primary, palaeo-<br/>            zoic</p> <p>H521     Cambrian</p> <p>H522     Ordovician</p> <p>H523     Silurian</p> <p>H524     Devonian</p> <p>H525     Carboniferous</p> <p>H526     Permian</p> <p>H53      Secondary, meso-<br/>            zoic</p> <p>H531     Triassic</p> <p>H533     Jurassic</p> <p>H534     Cretaceous</p> <p>H54      Tertiary, cainozoic</p> <p>H541     Eocene</p> <p>H542     Oligocene</p> <p>H543     Miocene</p> <p>H544     Pliocene</p> <p>H55      Quaternary</p> <p>H551     Pleistocene</p> <p>H555     Holocene or recent</p> |
|---|--|

# I BOTANY

I [N]: [P]

I [N]: 1—:[G]

I [N]: 5—:[G]: [O]

<i>Divisions based on the train</i>	2376	Phalloides
<i>of Natural group of plants</i>		
<i>or N Characteristic</i>	27	<b>Lichenes</b>
<b>1 Cryptogamia</b>	<b>3</b>	<b>Bryophyta</b>
<b>2 Thallophyta</b>	31	Hepaticæ, liver- worts
21 Protophyta (Bacte- ria, yeast, mi- crobes)	311	Marchantiales
	313	Jungermanniales
	315	Anthocerotales
<b>22 Algae, sea-weeds</b>	<b>32</b>	Musci, mosses
221 Cyanophyceæ, blue- green algæ	321	Sphagnales
223 Chlorophyceæ, green algæ	323	Andreaeales
	325	Bryales
225 Phæophyceæ brown algæ	<b>4</b>	<b>Pteridophyta</b>
	41	Ophioglossaceæ
227 Rhodophyceæ, red algæ	42	Filicinæ, ferns
	43	Equisetinæ, horse- tails
<b>23 Fungi</b>		
231 Myxomycetes, slime fungi, mycetoza	44	Lycopodinæ, club- moss
233 Phyc o m y c e t e s, mould	45	Psilotaceæ
	<b>5</b>	<b>Phane r o g a m i a,</b> <b>flowering plants</b>
235 Ascomycetes, green mould	<b>6</b>	<b>Gymnosperms</b>
237 Basidio m y c e t e s, mushrooms, rust	61	Cycadaceæ, cycad family
2371 Smuts	63	Ginkgoaceæ
2372 Rusts	65	C o n i f e r æ, pine family
2375 Mushrooms		

BOTANY

67	Gnetaceæ, joint family	fir	785 786	Cyperaceæ Gramineæ
7	<b>Monocotyledons</b>		8	<b>Dicotyledons</b>
71	Microspermae		811	<b>Ranalel</b>
711	Hydrocharitaceæ		8111	Ranunculaceæ
712	Burmanniaceæ		8112	Dilleniaceæ
715	Orchidaceæ		8113	Calycanthaceæ
72	Epigynae		8114	Magnoliaceæ
721	Scitamineæ		8115	Anonaceæ
722	Bromeliaceæ		8116	Menispermaceæ
723	Hæmodoraceæ		8117	Berberidaceæ
724	Iridaceæ		8s18	Nymphaeaceæ
725	Amaryllidaceæ		812	<b>Parietales</b>
726	Taccaceæ		8121	Sarraceniaceæ
728	Dioscoreaceæ		8122	Papaveraceæ
73	<b>Coronarieae</b>		8123	Fumariaceæ
731	Roxburghiaceæ		8124	Crucifeæ
732	Liliaceæ		8125	Capparidaceæ
733	Pontederiaceæ		8126	Cistaceæ
734	Philydraceæ		8127	Resedaceæ
735	Xyrideæ		8128	Violaceæ
736	Commelinaceæ		81291	Canellaceæ
737	Mayaceæ		81292	Bixineæ
738	Rapataceæ		813	<b>Polygalineae</b>
74	<b>Calycinae</b>		8131	Pittosporæ
741	Flagellariæ		8134	Tremandrea
743	Juncaceæ		8132	Polygalaceæ
			8136	Vochysiaceæ
75	<b>Palmae</b>		814	<b>Caryophyllinae</b>
76	<b>Nudiflorae</b>		8141	Caryophyllaceæ
761	Pandanaceæ		8143	Frankeniaceæ
762	Cyclanthaceæ		8145	Tamariscineæ
763	Typhaceæ		8147	Portulaceæ
764	Æroideæ			
768	Lemnaceæ		815	<b>Guttiferales</b>
77	<b>Apocarpeae</b>		8151	Elatineæ
771	Triuridaceæ		8153	Hypericineæ
772	Alismaceæ		8154	Guttiferæ (clusiaceæ)
774	Naiadaceæ		8156	Ternstroemiaceæ
78	<b>Glumaceae</b>		8157	Dipterocarpeæ
781	Eriocaulonaceæ		8158	Chalænacæ
782	Centrolepidæ		816	<b>Malvales</b>
783	Restiaceæ		8161	Malvaceæ

## BOTANY

8162	Sterculiaceæ	8323	Rhizophoraceæ
8163	Tiliaceæ	8324	Combretaceæ
<b>821</b>	<b>Geraniales</b>	8325	Melastomaceæ
8211	Lineæ	8326	Lythariaceæ
8212	Humiriaceæ	8328	Onagrarieæ
8213	Malpighiaceæ	<b>833</b>	<b>Passiflorales</b>
8214	Zygophylleæ	8331	Passifloreæ
8215	Geraniaceæ	8332	Samydaceæ
8216	Rutaceæ	8333	Loaseæ
8217	Simarubeæ	8334	Turneraceæ
8218	Ochnaceæ	8335	Datisceæ
82191	Burseraceæ	8336	Cucurbitaceæ
82192	Meliaceæ	8337	Begoniaceæ
82193	Chailletieaceæ	<b>834</b>	<b>Ficoidales</b>
<b>822</b>	<b>Olacales</b>	8341	Cactaceæ
8221	Olacineæ	8344	Mesembryanthaceæ, ficoideæ
8222	Ilicineæ	<b>835</b>	<b>Umbellales</b>
8223	Cyrilleæ	8351	Umbellifereæ
8225	Phytoreneæ	8355	Araliaceæ
8227	Aquifoliaceæ, ilicaceæ	8357	Cornaceæ
<b>823</b>	<b>Celastrales</b>	<b>841</b>	<b>Rubiales</b>
8231	Celastrineæ	8411	Caprifoliaceæ
8233	Hippocastanaceæ	8412	Rubiaceæ
8234	Stackhousiaceæ	<b>842</b>	<b>Asterales</b>
8236	Rhamnaceæ	8421	Valerianaceæ
8238	Ampelideæ, vitaceæ	8422	Dipsaceæ
<b>824</b>	<b>Sapindales</b>	8423	Calycereæ
8241	Sapindaceæ	8424	Compositæ
8243	Aceraceæ	<b>843</b>	<b>Campanales</b>
8244	Staphyleæ	8431	Stylideæ
8245	Sabiaceæ	8432	Goodenovieæ
8246	Anacardiaceæ	8433	Campanulaceæ
<b>831</b>	<b>Rosales</b>	<b>844</b>	<b>Ericales</b>
8311	Rosaceæ	8441	Vacciniaceæ
8312	Connaraceæ	8442	Ericaceæ
8313	Leguminosæ	8443	Monotropeæ
8314	Saxifragaceæ	8445	Epacrideæ
8315	Crassulaceæ	8446	Diapensiaceæ
8316	Droseraceæ	8448	Lennoaceæ
8317	Hamamelidaceæ	<b>845</b>	<b>Primulales</b>
8318	Bruniaceæ	8451	Plumbagineæ
83191	Halorageæ		
<b>832</b>	<b>Myrtales</b>		
8321	Myrtaceæ		

# BOTANY

8452	Primulaceæ	883	<b>Multiovulatae</b>	<b>terres-</b>
8453	Myrsinææ		<b>tres</b>	
<b>846</b>	<b>Ebenales</b>	8831	Nepenthaceæ	
8461	Sapotaceæ	8832	Cytinaceæ	
8462	Ebenaceæ	8833	Aristolochiaceæ	
8463	Styraceæ	<b>884</b>	<b>Micrembryeae</b>	
<b>851</b>	<b>Gentianales</b>	8841	Piperaceæ	
8511	Oleaceæ	8842	Chloranthaceæ	
8512	Salvadoraceæ	8843	Myristiceæ	
8513	Apocynaceæ	8844	Monimiaceæ	
8514	Asclepiadaceæ	<b>885</b>	<b>Daphnales</b>	
8515	Loganiaceæ	8851	Laurineæ	
8516	Gentianeæ	8852	Proteaceæ	
<b>852</b>	<b>Polemoniales</b>	8853	Thymeleaceæ	
8521	Polemoniaceæ	8854	Penæaceæ	
8522	Hydrophyllaceæ	8855	Elæagnaceæ	
8523	Boragineæ	<b>886</b>	<b>Achlamydosporeae</b>	
8524	Convolvulaceæ	8861	Loranthaceæ	
8526	Solanaceæ	8862	Santalaceæ	
<b>853</b>	<b>Personales</b>	8863	Balanophoreæ	
8531	Scrophularineæ	<b>887</b>	<b>Unisexuales</b>	
8532	Orobanchacea	8871	Euphorbiaceæ	
8533	Lentibularieæ	8872	Balanopseæ	
8534	Columelliaceæ	8873	Urticaceæ	
8535	Gesneraceæ	8874	Platanaceæ	
8536	Bignoniaceæ	8875	Leitnerieæ	
8537	Pedalineæ	8876	Juglandææ	
8538	Acanthaceæ	8877	Myricaceæ	
<b>861</b>	<b>Lamiales</b>	8878	Casuarineæ	
8611	Myoporineæ	8891	Cupuliferæ	
8612	Selagineæ	<b>89</b>	<b>Ordines anomali</b>	
8613	Verbenaceæ	891	Salicineæ	
8614	Labiataæ	892	Lacistemaceæ	
871	Plantagineæ	893	Empetrææ	
<b>88</b>	<b>Monochlamydeae</b>	894	Ceratophylleæ	
<b>881</b>	<b>Curvembryeae</b>			
8811	Nyctagineæ			
8812	Illecebraceæ			
8813	Amarantaceæ			
8814	Chenopodiaceæ			
8815	Phytolaccaceæ			
8816	Batidææ			
8817	Polygonaceæ			
8821	Podostemaceæ	59		

*Divisions based on the train of*

**Problem or P**  
*Characteristic*  
**as in G Biology**  
*with the following*  
**additions**

**Other habits**



## BOTANY

592	Creepers	14	Stem
593	Climbers	142	Cotyledonous buds
8	Paleobotany	147	Apical buds
		15	Leaf
		16	Flower
		17	Fruit
		178	Seeds
		197	Formative regions. Meristem
<i>Divisions based on the train of</i>			
	<b>Organ or O</b>		
	<i>Characteristic</i>		
1	<b>Basic and regional</b>		
11	Cells		
12	Tissues		
13	Root		
131	Root hairs		
132	Secondary roots		
133	Primary root		

*(For the functional system of organs, the divisions '2' to '8' of 'L Medicine' corresponding to the 'Organ' or 'O' Characteristic are to be used as far as applicable.)*

## J AGRICULTURE

J [U] [P] [C]: [F]

	<i>Divisions based on the</i>	7	Fruits
	<b>Utility or U</b>	8	Seeds
	<i>Characteristic</i>		<b>Crops</b>
1	Ornamental materials and basic materials for ornamental and industrial uses		<i>Fixed by the Favoured Category Device and Alphabetic Device applied after division by U and P Characteristics (Illustrative)</i>
2	Food of animals	141	Bamboo
3	Food of mankind	142	Cane
4	Poisons, intoxicants	15C1	Cactus
5	Fuel	163	Chrysoanthemum
6	Spices, condiments, drugs	16C8 16P5	Cyclaman Phlox
7	Textile fibres, etc.	16S8	Sunflower
8	Dying and tanning materials	245 248	Maize Alfalfa
9	Oils, perfumes	251 258	Grass Sesbania Agustiflora
	<i>Divisions based on the</i>	281	Cotton seeds
	<b>Part or P</b>	282	Horsegram
	<i>Characteristic</i>	321	Potato
1	Secretions	322	Sweet potato
2	Bulbs	323	Corms
3	Roots	324	Yam
4	Stem	325	Indian kales
5	Leaves	326	Onion
6	Flowers	327	Garlic

## AGRICULTURE

331	Beet root	386	Barley
332	Turnips	387	Millet
333	Carrots	388	Grams
334	Radish	38P1	Peas
33T1	Tapioca	411	Toddy
341	Sugarcane	433	Derris (Tuba roots)
344	Rubarb	451	Tea
351	Greens	452	Tobacco
352	Spinach	481	Coffee
353	Cabbage	482	Cocoa
354	Lettuce	483	Poppy
355	Celery	541	Casuarina
358	Betel	611	Asafœtida
361	Cauli flower	621	Ginger
371	Apple	622	Lesser galangal
372	Orange	631	Asparagus
373	Melons	641	Cinchona
374	Banana	651	Curry leaf
375	Pineapple	661	Cloves
376	Grape	671	Chillies
377	Mango	672	Cardamom
378	Tomato	673	Coriander
37B2	Beans	681	Pepper
37C1	Cucumbers	682	Mustard
37F1	Fig	685	Nutmeg
37G1	Guava	718	Rubber trees
37J1	Jack fruit	741	Jute
37P5	Plums, prunes	742	Hemp
37R1	Rashberry	743	Flax
37S1	Strawberry	744	Rushes
37T1	Tamarind	751	Esparto grass
37Z	Nuts	753	Agave
37Z1	Cashew nut	771	Cotton
37Z8	Brazil nuts	841	Indigo
381	Rice	842	Indian mulberry
382	Wheat	843	Mangrove
383	Oats	844	Gautier
384	Rye	845	Wattle (Mimosa)
385	Maize	846	Divi-divi

## AGRICULTURE

847	Sumach	13	Sandy
911	Frankincense	2	Alkaline
921	Turmeric	3	Acidic
931	Cuscus	4	Saline
961	Rose	5	Organic
971	Oil palm	51	Peat
981	Groundnut		<i>Divisions based on the train of</i>
982	Cocoanut		<b>Operation or O</b>
983	Sesame		<i>Characteristic</i>
984	Castor plant	1	Reclamation and
985	Rapeseed		protection
986	Linseed	2	Levelling
987	Mowra seed	3	Bunding
988	Soyabean	4	Ploughing
		5	Harrowing, hoeing
		6	Clot-crushing
	<i>Divisions based on the train of</i>		<b>2 MANURE</b>
	<b>Farming or F</b>		<b>J [U] [P] [C]: 2 [S]: [O]</b>
	<i>Characteristic</i>		<i>Divisions based on the train of</i>
1	Soil		<b>Substance or S</b>
2	Manure		<i>Characteristic</i>
3	Propagation method		1 Refuses
4	Control of diseases and injuries	11	Sweepings
5	Crop development	12	Farmyard manure
7	Harvesting	13	Dung and urine
91	Nomenclature, classification, etc.	131	Cattle
	<i>To be subdivided as</i>	132	Horse
	<i>the Problem Division 1</i>	133	Other animals
	<i>of G Biology</i>	134	Birds, guano
	<b>1 SOIL</b>	14	Human refuses
	<b>J [U] [P] [C]: 1 [N]: [O]</b>	2	Green manures
	<i>Divisions based on the train of</i>	21	Indigo
	<b>Nature or N</b>	22	Kolinji
	<i>Characteristic</i>	23	Dhaincha
1	Mineral	24	Sunhemp
11	Clayey	25	Cowpea
12	Loamy	3	Bye products
		31	Oilcakes

## AGRICULTURE

311	Groundnut
314	Castor
318	Neem
32	Fish guano
34	Bone meal
35	Horn and hoof meal
38	Tannery refuse
4	Chemical manures
41	Potassic
45	Nitrogenous
46	Phosphetic
8	Less common elements

*Divisions based on the train of  
Operation or O*

<i>Characteristic</i>	
1	Nomenclature, classification, etc.
2	Gathering, etc.
25	Compositing
28	Storing
3	Applying
31	Spreading, harrowing
37	Plant manuring

### 3 PROPAGATION METHOD

J [U] [P] [C]: 3 [S]: [O]

*Divisions based on the train of  
Substance or S*  
*Characteristic*

1	Seed
2	Seedling
3	Cuttings
4	Layering
5	Grafting

*Divisions based on the train of  
Operation or O*  
*Characteristic*

1	Nomenclature, etc.
2	Gathering, etc.
21	Enarching
22	Drying
23	Sorting
24	Control of diseases
25	Cleaning
26	Curing
28	Storing
3	Sowing
4	Planting

### 4 CONTROL OF DISEASES AND INJURIES

J [U] [P] [C]: 4 [D]: [O]

*Divisions based on the train of  
Disease or D*  
*Characteristic*

41	Fire
43	Floods
44	Heat, draught
48	Storm

*Other divisions by Subject Device  
(illustrative)*

I23	Fungus diseases
K86	Entomological
K96	Injuries due to birds
K97	Injuries due to mammals

*Divisions based on the train of  
Operation or O*  
*Characteristic*

2	Etiology
3	Symptoms and diagnosis
4	Pathology
5	Preventive steps
6	Rescue work
62	Physical methods

## AGRICULTURE

623	By ultrasonics	1	<b>Nomenclature, classification, etc.</b>
625	By radiation		
6252	Ultra-violet		<i>To be subdivided as in</i>
6253	X-ray		<b>G Biology</b>
626	Electrical		
63	Chemical	2	<b>Recovery</b>
68	Entomological	21	Gathering
		22	Drying
		25	Clearing
		26	Curing
<b>5 CROP DEVELOPMENT</b>			
51	Hoeing		
52	Water supply and drainage	3	<b>Grading, sorting</b>
		4	<b>Control of diseases</b>
53	Air supply	7	<b>Yield</b>
54	Temperature regulation	8	<b>Storing</b>
		84	Cold storage
55	Light regulation	913	Weight, Density
56	Seasonal measures	9151	Linear dimensions
	<i>(Divide by season) as in</i>	9152	Area
	<b>G Biology</b>	9153	Volume
57	Weeding	92	Physical properties
58	Protection from wind	93	Chemical properties
		96	Cost
59	Special processes	97	Uses
591	Pruning	<b>JA</b>	<b>Forestry</b>
592	Mixed cropping		<i>Divisions based on the train of</i>
593	Crop rotation		<b>Tree or T</b>
596	Special methods of pollination		<i>Characteristic</i>
			<i>By the Alphabetic Device</i>
			<i>(Illustrative)</i>
7	<b>Harvesting</b>		
<b>J [U] [P] [C] : 7 [M] : [O]</b>			
<i>Divisions based on the train of</i>			
<b>Material or M</b>			
<i>Characteristic</i>			
<i>Same as the Part Divisions</i>			
<i>(See also rule J471)</i>			
<i>Divisions based on the train of</i>			
<b>Operation or O</b>			
<i>Characteristic</i>			
		JAE1	Eucalyptus
		JAP1	Pine
		JAT1	Teak
		JAT2	Tilia
		JAS1	Spruce
<i>Class Number by the</i>			
<i>Classic Device (Illustrative)</i>			
		J1xG40	<i>Upavanavimōda</i>

## K ZOOLOGY

K [N] : [P]

K [N] : 1— : [G]

K [N] : 5— : [G] : [O]

	<i>Divisions based on the train</i>	412	Milleporina
	<i>of Natural group of animals</i>	413	Gymnoblastea (Antho-
	<i>or N</i>		medusæ)
	<i>Characteristic</i>	414	Calyptoblastea (Lepto-
			medusæ
1	<b>Invertebrata</b>	415	Stylasterina
2	<b>Protozoa</b>	416	Trachomedusæ
21	<b>Sarcodina</b>	417	Narcomedusæ
211	Rhizopoda	418	Siphonophora
212	Foraminifera	419	Graptolitoidea
213	Heliozoa	43	<b>Scyphozoa, scyphome-</b>
214	Radiolaria		<b>dusæ</b>
215	Proteomyxa	431	Cubomedusæ
216	Mycetozoa	433	Stauromedusæ
23	<b>Sporozoa</b>	435	Coronata
231	Telosporidia	437	Discophora
235	Neosporidia	45	<b>Anthozoa, actinozoa</b>
25	<b>Flagellata</b>	451	Alcyonaria
27	<b>Infusoria</b>	452	Stolonifera
271	Ciliata	453	Coenothecalia
275	Suctorina (tentaculifera)	454	Alcyonacea
3	<b>Porifera</b>	455	Gorgonacea
31	Calcarea	4551	Pseudaxonia
32	Myxospongiæ	4553	Axifera
33	Hexactinellida	456	Pennatulacea
34	<i>Octactinellida</i>	4561	Pennatulæ
35	<i>Heteractinellida</i>	4562	Spicatæ
36	Demospongiæ	4563	Verticilladæ
37	<b>Coelenterata</b>	4564	Renillæ
38	Hydrozoa	4565	Veretillæ
39	Eleutheroblastea	457	Zoantharia
		4571	Edwardsiidea
		4572	Actiniaria

# ZOOLOGY

45721	Actiniina	65	<b>Chaetopoda, annelida</b>
45722	Stichodactylina	651	Archiannelida
4573	Madreporaria	652	Polychæta, myzostomaria
45731	Entocnemaria	6521	Phanerocephala
45732	Cyclocnemaria	65211	Nereidiformia
4574	Zoantheida	65212	Spioniformia
4575	Antipathidea, antipatharia	6523	Terebelliformia
4576	Cerianthidea	6524	Capitelliformia
6	<b>Vermes</b>	48	<b>Ctenophora</b>
61	<b>Platyhelminthes</b>	481	Tentaculata
611	Turbellaria	482	Cydippidea
6111	Polycladida	483	Lobata
6112	Tricladida	484	Cestoidea
6113	Rhabdocelida	485	Platyctenea
613	Trematoda	487	Nuda
6131	Monogenea	5	<b>Echinodermata</b>
6132	Digenea, malacocotylea	51	<b>Eleutherozoa</b>
615	Cestoda	52	<b>Asteroidea</b>
617	Mesozoa	521	Spinulosa
62	<b>Nemertinea</b>	522	Velata
621	Protonemertini	523	Paxillosa
623	Mesonemertini	524	Valvata
625	Metanemertini	525	Forcipulata
627	Heteronemertini	53	<b>Ophiuroidea</b>
63	<b>Nemathelminthes</b>	531	Streptophiuræ
631	Nematoda	532	Zygophiuræ
633	Nematomorpha	533	Cladophiuræ
635	Acanthocephala	54	<b>Echinoidea</b>
637	Chaetognatha	541	Endocyclica
64	<b>Rotifera</b>	542	Clypeastroidea
641	Flosculariaceæ	5421	Protoclypeastroidea
642	Melicerata	5422	Euclypeastroidea
643	Bdelloida	543	Spatangoidea
644	Asplanchnaceæ	55	<b>Holothuroidea</b>
645	Scirtopoda	551	Aspidochirota
646	Ploima	552	Elasipoda
6461	Illoricata	553	Pelagothuriida
6462	Loricata	554	Dendrochirota
647	Seisonaceæ	555	Molpadiida
648	Gastrotricha	556	Synaptida
6481	Euichthydina	56	<b>Pelmatozoa</b>
6482	Apodina	57	<b>Crinoidea</b>
649	Kinorhyncha	572	Inadunata
		573	Articulata



## ZOOLOGY

576	Camerata	7147	Anatinacea
58	Extinct classes	715	Septibranchiata
581	<i>Thecoidea</i> ( <i>Edrioas- teroidea</i> )	73	Scaphopoda
582	<i>Carpoidea</i>	75	Gasteropoda
583	<i>Cystoidea</i>	751	Amphineura
584	<i>Blastoidea</i>	7511	Polyplacophora
6525	Scoleciformia	7513	Aplocophora
6526	Cryptocephala	753	Prosobranchiata
65261	Sabelliformia	7531	Diotocardia
65262	Hermelliformia	7532	Monotocardia
6527	Myzostomaria	755	Opisthobranchiata
653	Oligochaeta	7551	Tectibranchiata
6531	Microdrili	7555	Ascoglossa
6532	Megadrili	756	Nudibranchiata
654	Hirudinea	7561	Pteropoda
6541	Rhynchobdellæ	757	Pulmonata
6544	Gnathobdellæ	7571	Basommatophora
655	Gephyrea	7575	Stylommatophora
6551	Sipunculoidea	77	Cephalopoda
6553	Priapuloida	771	Dibranchiata
6555	Echiuroidea	7711	Octopoda
6557	Epithetosomatoidæ	7712	Decapoda
		775	Tetrabranchiata
		7751	Nautiloidea
66	Phoronis	7753	Ammonoidea
67	Polyzoa		
671	Entoprocta	78	Brachiopoda
672	Ectoprocta	781	Ecardines
6721	Gymnolamata	785	Testicardines
6725	Phylactolamata		
		8	Arthropoda
7	Mollusca	81	Crustacea
71	Pelecypoda	811	Entomostraca
711	Protobranchiata	812	Branchiopoda
712	Filibranchiata	8121	Phyllopoda
713	Pseudolamellibranchiata	8122	Clodocera
7131	Anomiacea	813	Copepoda
7135	Arcacea	8131	Gymnoplea
7137	Mytilacea	8132	Podoplea
714	Eulamellibranchiata	814	Cirripedia
7141	Submytilacea	8141	Pedunculata
7142	Tellinacea	8142	Operculata
7143	Veneracea	8143	Acrothoracica
7144	Cardiacea	8144	Ascothoracica
7145	Myacea	8145	Apoda
7146	Pholadacea		

## ZOOLOGY

8146	Rhizocephala	8634	Neuroptera planipennia
8147	Ostracoda	8635	Trichoptera
<b>815</b>	<b>Malacostraca</b>	<b>864</b>	<b>Hymenoptera</b>
8151	Anaspidacea	8641	Hymenoptera sessili ventres
8152	Mysidacea	8643	Hemenoptera petiolata
8153	Cumacea	8645	Tubulifera
8154	Isopoda	8647	Aculeata
81541	Chelifera	<b>865</b>	<b>Coleoptera</b>
81542	Flabellifera	8651	Lamellicornia
81543	Valvifera	8652	Adephaga, caraboidea
81544	Asellota	8653	Polymorpha
81545	Oniscoida	8654	Heteromera
81546	Epicarida	8655	Phytophaga
81547	Phreatoicoidea	8656	Rhynchophora
8155	Amphipoda	8657	Strepsiptera
81551	Crevettina	<b>867</b>	<b>Lepidoptera</b>
81552	Lamodipoda	8671	Rhopalocera
81553	Hyperina	8675	Heterocera
8156	Stomatopoda	<b>871</b>	<b>Diptera</b>
8157	Euphausiacea	8711	Orthorrhapha nemocera
8158	Decapoda	8712	Orthomhappa brachycera
81581	Macrura	8713	Cyclorrhapha aschiza
81582	Anomura	8714	Cyclorrhapha schizo- phora
81583	Brachyura	8715	Pupipara
816	<i>Trilobites</i>	<b>874</b>	<b>Aphaniptera</b>
<b>83</b>	<b>Onychophora, peripatus, prototracheata</b>	<b>8741</b>	<b>Pulicidae</b>
<b>84</b>	<b>Myriapoda</b>	<b>876</b>	<b>Thysanoptera</b>
<b>841</b>	<b>Chilognatha, diplopoda</b>	8761	Terebrantia
<b>843</b>	<b>Chilopoda</b>	<b>877</b>	<b>Hemiptera</b>
<b>845</b>	<b>Schizotarsia</b>	8771	Heteroptera
<b>846</b>	<b>Symphyla</b>	8772	Homoptera
<b>847</b>	<b>Pauropoda</b>	8774	Anoplura
<b>86</b>	<b>Insecta</b>	<b>88</b>	<b>Arachnida</b>
<b>861</b>	<b>Aptera</b>	<b>881</b>	<b>Delobbranchiata, mero- stomata</b>
8611	Thysanura	8811	Xiphosura
8612	Collembola	1813	<i>Eurypterida, gigantostraca</i>
<b>862</b>	<b>Othoptera</b>	<b>882</b>	<b>Embolobbranchiata</b>
8621	Orthoptera cursoria	8821	Scorpionidea
8625	Orthoptera saltatoria	8822	Pedipalpi
<b>863</b>	<b>Neuroptera</b>	8823	Araneae
8631	Mallophaga		
8632	Pseudo-neuroptera		
8633	Neuroptera amphibiotica		

## ZOOLOGY

8824	Palpigradi	92	Pisces
8825	Solifugæ, solpugæ	922	Elasmobranchii
8826	Chernetidea, chernetes, pseudoscorpiones	9221	<i>Pleuropterygii</i>
8827	Podogona, ricimulei	9222	<i>Ichthyotomi</i>
883	Phalangidea, opiliones	9223	<i>Acanthodei</i>
8831	Cyphophthalmi	9224	Plagiostomi
8832	Mecostethi, laniatores	92241	Selachii
8833	Plagiostethi, palpatores	92245	Batoidei
884	Acarina, acari, acaridea	923	Holocephali
8841	Vermiformia	925	Teleostomi
8842	Astigmata	9251	Crossopterygii
8843	Metastigmata	92511	<i>Osteolepida</i>
8844	Heterostigmata	92515	Cladistia
8845	Prostigmata	9252	Chondrostei
8846	Notostigmata	9253	Holostei
885	Tardigrada	9254	Teleostei
886	Pentastomida	92541	Malacopterygii
888	Pyenogonida, podoso- mata, pantopoda	92542	Ostariophysi
9	Prochordata a n d vertebrata	92543	Symbranchii
91	Prochordata	92544	Apodes
911	Hemichordata	92545	Haplomi
9111	Enteropneusta	92546	Heteromi
91111	Pterobranchia	92547	Catosteomi
91113	Phoronidea	92548	Percesoces
913	Urochordata, tunicata	925492	Anacanthini
9131	Larvacea	925493	Acanthopterygii
9133	Ascidacea	925494	Opisthomi
91331	Ascidie simplices	925495	Pediculati
91332	Ascidie compositæ	925496	Plectognathi
91333	Merosomata	926	Dipneusti, Dipnoi
913333	Holosomata	927	<i>Palaeospondylidae</i>
91335	Ascidie luciae	928	<i>Ostracodermi</i>
9135	Thaliacea	9281	<i>Heterostraci</i>
91351	Cerclomyaria	9282	<i>Osteostraci</i>
91353	Hemimyaria	9283	<i>Anaspida</i>
915	Cephalochordata	93	Amphibia
917	Craniata	931	Stegocephali
9171	Cyclostomata	9311	Stegocephali lepospondyli
91711	Myxinoides	93111	Branchiosauri
91715	Petromyzontes	93113	Aistopodes
		9312	Stegocephali temnospon- dyl
		9313	Stegocephali stereospon- dyl

## ZOOLOGY

- |   |  |
|---|--|
| <p>932 <b>Lissamphibia</b><br/>           9321 <b>Apoda</b><br/>           9323 <b>Urodela</b><br/>           9325 <b>Anura</b><br/>           93251 <b>Aglossa</b><br/>           93255 <b>Phaneroglossa</b></p> <p><b>94 Reptilia</b><br/>           941 <b>Proreptilia</b><br/>           942 <b>Prosauria</b><br/>           9421 <b>Microsauri</b><br/>           9425 <b>Prosauri</b><br/>           94251 <b>Protorosauri</b><br/>           94255 <b>Rhynchocephali</b></p> <p><b>943 Theromorpha</b><br/>           9431 <b>Parciasauri</b><br/>           9433 <b>Theriodontia</b><br/>           9435 <b>Anomodontia</b><br/>           9437 <b>Placodontia</b></p> <p><b>944 Chelonia</b><br/>           9441 <b>Atheca</b><br/>           9445 <b>Thecophora</b><br/>           94451 <b>Cryptodira</b><br/>           94453 <b>Pleurodira</b><br/>           94455 <b>Trionychoidea</b></p> <p><b>945 Dinosauria</b><br/>           9451 <b>Sauropoda</b><br/>           9453 <b>Theropoda</b><br/>           9455 <b>Orthopoda</b><br/>           94551 <b>Stegosauri</b><br/>           94555 <b>Ornithopoda</b><br/>           9457 <b>Ceratopsia</b></p> <p><b>946 Crocodilia</b><br/>           9461 <b>Pseudosuchia</b><br/>           9463 <b>Parasuchia</b><br/>           9465 <b>Eusuchia</b></p> <p><b>947 Plesiosauria</b><br/>           9471 <b>Nothosauri</b><br/>           9475 <b>Plesiosauri</b></p> <p><b>948 Ichthyosauria</b><br/>           9481 <b>Ichthyosauri</b><br/>           9491 <b>Pterosauria</b><br/>           94911 <b>Pterosauri</b><br/>           949111 <b>Pterodactyli</b></p> | <p>949115 <b>Pteranodontes</b><br/>           9492 <b>Pythonomorpha</b><br/>           94921 <b>Dolichosauri</b><br/>           94925 <b>Mosasauri</b><br/>           9493 <b>Sauria</b><br/>           94931 <b>Lacertilia</b><br/>           949313 <b>Geckones</b><br/>           949315 <b>Lacertæ</b><br/>           949316 <b>Chamæleontes</b><br/>           94932 <b>Ophidia</b></p> <p><b>96 Aves</b><br/>           961 <b>Archæornithes</b><br/>           962 <b>Neornithes</b><br/>           9621 <b>Neornithes ratitæ</b><br/>           96211 <b>Ratitæ</b><br/>           962111 <b>Struthiones</b><br/>           962112 <b>Rheæ</b><br/>           962113 <b>Megistanes</b><br/>           962114 <b>Apterges</b><br/>           962115 <b>Dinornithes</b><br/>           962116 <b>Aepyornithes</b><br/>           96212 <b>Stereornithes</b><br/>           962121 <b>Mesembriornis</b><br/>           962122 <b>Diatryma</b><br/>           962123 <b>Dasornis</b><br/>           962124 <b>Remiornis</b><br/>           962125 <b>Gastornis</b><br/>           9622 <b>Neornithes odontolexæ</b><br/>           96221 <b>Hesperornithes</b><br/>           96225 <b>Enaliornithes</b><br/>           9623 <b>Neornithes carinata</b><br/>           96231 <b>Ichthyornithes</b><br/>           96232 <b>Colymbiformes</b><br/>           962321 <b>Colymbi</b><br/>           962325 <b>Podicipedes</b><br/>           96322 <b>Sphenisciformes</b><br/>           963221 <b>Sphenisci</b><br/>           96323 <b>Procellariiformes</b><br/>           963231 <b>Tubinares</b></p> <p><b>9633 Ciconiiformes</b><br/>           96331 <b>Steganopodes</b><br/>           96332 <b>Ardeæ</b><br/>           96333 <b>Ciconiæ</b><br/>           96334 <b>Phoenicopteri</b><br/>           9634 <b>Anseriformes</b></p> |
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## ZOOLOGY

96341	Palamedeæ	9735	Nomarthra
96345	Anseres	974	Sirenia
9635	Falconiformes	975	Cetacea
96351	Cathartæ	9751	Mystacoceti
96353	Accipitres	9752	Odontoceti
9636	Tinamiformes	9753	Archæoceti
96361	Tinami	976	Ganodonta
9637	Galliformes	978	Ungulata
96371	Mesitæ	9781	Condylarthra
96373	Turnices	9782	Amblypoda
96375	Galli	9783	Ancylopoda
96377	Opisthocomi	9784	Typotheria
9638	Charadriiformes	9785	Toxodontia
96381	Limicolæ	9786	Proboscidæ
96382	Lari	9787	Hyracoidea
96384	Alcæ	9788	Perissodactyla
96385	Pterocles	97891	Litopterna
96387	Columbæ	97892	Artiodactyla
964	Cuculiformes	9791	Carnivora
9641	Cuculi	97911	Fissipedia
9645	Psittaci	97912	Pinnipedia
965	Coraciiformes	9792	Creodonta
9651	Coraciæ	9793	Rodentia
9652	Striges	97931	Simplicidentata
9653	Caprimulgi	97935	Duplicidentata
9654	Cypseli	9795	Insectivora
9655	Colii	97951	Insectivora vera
9656	Trogones	97955	Dermoptera
9657	Pici	9796	Chiroptera
966	Passeriformes	97961	Megachiroptera
9661	Passeres anisomyodæ	97965	Microchiroptera
96611	Subclamatores	9797	Primates
96615	Clamatores	97971	Lemuroidea
9662	Passeres diacromyodæ	97975	Anthroipoidea
96621	Suboscines		
96625	Oscines		
97	Mammalia		
971	Monotremata		
972	Marsupialia		
9721	Diprotodontia	59	Other habits
9725	Polyprotodontia	591	Relation to young ones
973	Edentata		
9731	Xenarthra	598	Flying animals

*Divisions based on the train of  
Problem or P  
Characteristic  
as in G Biology  
with the following additions*

## L MEDICINE

### L[O]: [P]

<i>Divisions based on the train of</i>	153	Front	
<b>Organ or O</b>	155	Left	
<i>Characteristic</i>	157	Back	
<b>1</b>	<b>Basic and regional</b>	<b>16</b>	<b>Upper extremities</b>
11	Cells	161	Shoulders
12	Tissues	162	Axilla
13	<b>Lower extremities</b>	163	Arms
131	Toes	164	Elbows
132	Feet	165	Forearms
133	Ankles	166	Wrists
134	Legs	167	Hands
135	Knees	168	Fingers
136	Thighs	17	<b>Neck</b>
137	Pelvic region	18	<b>Head</b>
<b>14</b>	<b>Abdomen</b>	181	Face
141	Iliacs	183	<b>Ears</b>
1411	Right	1831	Pinna
1415	Left	1832	External auditory meatus
143	Hypogastric		
144	Umbilical	1833	Tympanic cavity
145	Lumbar	1834	Tympanic membrane
1451	Right	1835	Eustachian tube
1455	Left	1836	Tympanic ossicles
147	Epigastric	1837	Osseous labyrinth
148	Hypochondriac	1838	Membranous laby- rinth
1481	Right		
1485	Left	185	<b>Eyes</b>
1493	Diaphragm	1851	Coats
<b>15</b>	<b>Thorax</b>	18511	Eyelids
151	Right	18512	Cornea

## MEDICINE

18513	Sclerotic	21431	Milk teeth
18514	Iris	21432	Canine
18515	Ciliary processes	21433	Lateral incisor
18516	Choroid	21434	Central incisor
18517	Retina	21435	First molar
1852	Parts	21436	Second molar
18521	Aqueous humour	2145	Dentine
18522	Crystalline lens	2146	Pulp cavity
18523	Vitreous humour	215	Fauces
1856	Lachrymal glands	216	<b>Salivary glands</b>
18562	Lachrymal sac	2161	Parotid glands
18565	Tears	21617	Parotid duct
18571	Lachrymal ducts	2162	Submaxillary gland
18572	Nasal ducts	21627	Submaxillary duct
187	<b>Scalp</b>	2163	Sublingual glands
192	<b>Joints</b>	2164	Mucous glands
198	Storage regions	219	Tonsils
2	<b>Digestive system</b>	22	<b>Pharynx</b>
21	<b>Mouth</b>	23	<b>Esophagus</b>
211	Lips	24	<b>Stomach</b>
212	Cavity of the mouth	245	Gastric secretions
2121	Floor of the mouth	246	Gastric glands
2123	Cheeks	2461	Cardiac glands
2125	Palate	2463	Pyloric glands
21251	Uvula	248	Orifice and valve
21252	Soft palate	2481	Cardiac orifice
21253	Hard palate	2482	Pyloric orifice
2127	Jaws	24828	Pyloric valve
213	Tongue	25	<b>Intestines</b>
214	<b>Teeth</b>	26	<b>Small intestines</b>
21411	Gums	266	Intestinal glands
21412	Enamel	2661	Brunner's glands
2142	Parts	2662	Solitary glands
21421	Root	2663	Peyer's glands
21422	Neck	268	Ileo-caecal valve
21423	Crown	27	<b>Large intestines</b>
2143	Kinds of teeth	272	Parts

## MEDICINE

2721	Cæcum	395	Lymph
27219	Vermiform Appendix	396	Lymphatic glands
			<i>(To be divided locally)</i>
2722	Colon	398	Lymphatic valves
2723	Rectum	4	<b>Respiratory system</b>
2724	Anal canal	41	Nose
276	Solitary glands	411	Outer nose
278	Houston's valves	412	Nasal fossæ
291	<b>Liver</b>	42	Larynx
2915	Bile	43	Trachea
2917	Bile ducts	44	Bronchi
292	Gall bladder	441	Right bronchus
2927	Cystic duct	4415	Right intra-pulmonary branches
293	<b>Pancreas</b>		Left bronchus
2935	Pancreatic secretion	445	Left intra-pulmonary branches
2937	Pancreatic duct	4455	
<b>3</b>	<b>Circulatory system</b>		
31	Pericardium	45	Lungs
32	Heart	4511	Pleura
33	Vena cava	46	Pleural sacs
331	Superior vena cava	48	Mediastinum
332	Inferior vena cava	5	<b>Genito-urinary system</b>
34	Aorta		<b>Kidneys</b>
35	Blood	51	Sinus
358	Haemoglobin	513	Urine
36	Veins	515	Ureter
	<i>(To be divided locally)</i>	517	Bladder
37	Arteries	52	Urethra
	<i>(To be divided locally)</i>	53	
38	Capillaries	54	<b>Sexual organs</b>
	<i>(To be divided locally)</i>	55	<b>Female genital organ</b>
<b>39</b>	<b>Lymphatic vessels</b>	551	Ovaries
391	Thoracic duct	5515	Eggs
392	Right lymphatic duct	552	Fallopian tubes
394	Other lymphatic vessels	553	Uterus
	<i>(To be divided locally)</i>	554	Vagina
		555	<b>External organs</b>



## MEDICINE

5551	Vulva	72	Spinal cord
55511	Labium	721	Spinal meninges
5552	Perineum	73	Nerves (their structure, parts, etc.)
556	Breasts		
56	<b>Male genital organ</b>	74	Peripheral nerves
561	Testes		<i>(To be divided locally)</i>
5611	Scrotum	75	Sensory nerves
5621	Epididymis		<i>(To be divided locally)</i>
5622	Vas deferens		
5623	Ejaculatory duct	76	Motor nerves
565	Seminal vesicles		<i>(To be divided locally)</i>
5655	Spermatozoa	77	Autonomic nerves
5661	Prostate gland	771	Sympathetic nerves
5662	Cowper's glands		<i>(To be divided locally)</i>
567	Penis	795	Cerebro-spinal fluid
6	<b>Ductless glands</b>		
61	Superarenal	8	<b>Other systems</b>
62	Spleen	82	<b>Bones</b>
63	Thymus	821	Periosteum
64	Para thyroid	822	Bone proper
65	Thyroid	8221	Substantial
66	Hypophysis glands	8222	Cancellous
661	Anterior	8223	Cavities
662	Posterior	825	Marrow
67	Pineal gland	83	<b>Muscles</b>
68	Other glands	86	<b>Connective tissues</b>
	<i>(To be divided locally)</i>	861	Connective tissues proper
7	<b>Nervous system</b>		
71	Brain	8611	Lining membranes
711	Meninges	86111	Serous
7111	Dura mater	86112	Synovial
7112	Arachnoid mater	86113	Mucous
7113	Pia meter	8613	Protecting membranes
712	Parts		
7121	Cerebrum	8614	Basement membranes
7124	Cerebellum		
7122	Pons	8615	Reticular tissue
7123	Medulla oblongata	8616	Ligaments

## MEDICINE

8617	Tendons	3135	Multiple pregnancy
866	Cartilages	314	Pathology of pregnancy
<b>87</b>	<b>Skin</b>		
871	Epidermis	3142	Vomiting
872	Corium	3143	Varices
875	Pigment	31451	Albuminuria
876	Glands of the skin	31455	Complications due to abnormalities in the generative tract
8761	Sebaceous glands		
8762	Sweat glands		
88	Hair, etc.		
881	Hair	3147	Convulsions
882	Scales	31471	Insanity of pregnancy
883	Nails		
<i>Divisions based on the train of Problem or P Characteristic</i>		31495	Extra-uterine pregnancy
		<b>32</b>	<b>Foetus</b>
<b>1</b>	<b>Preliminaries</b>	324	Diseases of the foetus
11	Nomenclature		
13	Nursing home	3291	Death of foetus
14	Hospitals	331	Chorian
15	Sanatoria	332	Amnion
17	Anæsthetization	333	Placenta
19	Microscopy	334	Umbilical cord
192	Sectioning		
195	Fixation	<b>34</b>	<b>Abortion</b>
196	Mounting	341	Natural
198	Staining	345	Artificial
<b>2</b>	<b>Morphology</b>	<b>35</b>	<b>Labour</b>
<b>3</b>	<b>Physiology</b>	351	Presentation
<i>To be subdivided as in 'G' Biology with the following modifications</i>		3511	Vertex
		3512	Face and brow
		3513	Lower extremities
<i>Subdivisions when applied to Organ Number '55 Female Genital Organs'</i>		3515	In multiple pregnancy
		352	Second stage
		353	Third stage
<b>3</b>	<b>Obstetrics</b>		
<b>31</b>	<b>Pregnancy</b>	<b>354</b>	<b>Abnormal labour</b>
<b>313</b>	<b>Diagnosis</b>	<b>3542</b>	<b>Due to foetus</b>

## MEDICINE

3543	Due to anomalies of expelling forces	427	Due to metazoa
3544	Due to passage and obstacles	43	<b>Parasitic diseases</b>
357	<b>Obstetric operations</b>	435	Due to phyto parasites
3571	Dilatation	437	Due to animal parasites
3574	For inversion of uterus	44	<b>Poisons</b>
3577	Use of forceps	441	Snake poison
3578	Embryotomy	<i>To be further divided by the substance number as in 'E Chemistry'</i>	
36	<b>Puerperal state</b>	45	<b>Functional disorder</b>
3641	Puerperal infection	451	Under functioning
3646	Mastitis	452	Over functioning
393	<b>Ordinary (non-pregnant) physiology</b>	453	Complicated functioning
4	<b>Diseases</b>	4537	Allergy
41	General	456	Not functioning
411	Atrophy	4565	Not functioning due to external causes
412	Hypertrophy	46	<b>Metabolistic</b>
413	Hemorrhage	463	Due to deficiency
414	Fever	47	<b>Structural, neoplastic, etc.</b>
415	Inflammation	471	Abnormalities in structure
417	Pain	4711	Size
418	Spasm	4712	Shape
419	Other general diseases	4713	Position
42	<b>Infectious diseases</b>	4714	Fixation
421	Tuberculosis	4715	Number
422	Syphilis	4716	Total absence
423	Due to filterable protista	4718	Openings
424	Due to bacteria	472	Tumour
425	Due to metaphyta	4721	Swellings due to hypertrophy
426	Due to protozoa		

## MEDICINE

4722	Inflammatory swellings	L:4232	Chicken pox
		L:4233	Measles
4723	Cysts	L:4631	Scurvy
4724	Non-malignant tumours	L:4632	Beriberi
		L12:46	Obesity
47241	Osteoma	L14:485	Ascites
47242	Chondroma	L191:46	Gout
47243	Myoma		
47245	Myxoma	L2161:423	Mumps
472462	Lipoma	L24:451	Anorexia
472463	Fibroma	L25:4241	Typhoid
47247	Papilloma	L25:4242	Bacillary dysentery
47248	Adenoma		
4725	Malignant tumours	L25:4251	Cholera
47251	Osteosarcoma	L25:4262	Amœbic dysentery
47252	Chondrosarcoma		
47253	Myosarcoma	L25:4371	Tapeworm
47255	Myxosarcoma	L25:4372	Hookworm
472562	Liposarcoma	L25:4373	Round worm
472563	Fibrosarcoma	L25:4374	Thread worm
47257	Carcinoma		
47258	Adenosarcoma	L25:451	Constipation
473	Hernia	L25:452	Diarrhoea
474	Ulcer	L25:474	Dysentery (general)
475	Abscess		
476	Gangrene	L291:453	Jaundice
48	Due to presence of foreign matter	L292:481	Gallstones
		L2927:481	Biliary colic
481	Solid matter	L293:46	Diabetes
485	Fluid	L34:411	Angina pectoris
488	Gas	L35:411	Anæmia
49	Due to other causes	L35:4111	Secondary
491	Fire. Burns	L35:4112	Chlorosis
494	Asphyxia	L35:4113	Pernicious
	Specific diseases	L35:4114	Splenic
	( <i>Illustrative</i> )	L35:4115	Leucemia
L:423	Poxes	L35:4231	Typhus
L:4231	Small pox	L35:4261	Malaria

## MEDICINE

L35:4262	Sleeping sickness	5	<b>Public health and hygiene</b>
L37:411	Arteriosclerosis	51	<b>Vital statistics, mortality tables</b>
L37:4711	Aneurysm		
L39:4371	Filarial elephantiasis	52	<b>State control</b>
L39:481	Elephantiasis	521	Habitations
L396:412	Hodgin's disease	<i>To be subdivided as in</i>	
L396:4241	Bubonic plague	<b>N1 Architecture</b>	
L4:4241	Influenza	522	Animals
L4:4242	Whooping cough	<i>To be subdivided by Animal</i>	
L41:4241	Diphtheria	<i>Characteristic</i>	
L44:453	Asthma	<i>as in</i> <b>MK Veterinary Science</b>	
L45:424	Pneumonia	523	Foods, beverages
L4511:485	Empyema		<i>To be subdivided by</i>
L51:453	Albuminuria	<i>Substance Characteristic</i>	
L51:481	Renal colic	<i>as in</i> <b>E Chemistry and F Technology</b>	
L61:411	Addison's disease	524	Intoxicants, poisons
L62:4261	Kala-azar		
L65:4711	Goitre	<i>To be subdivided as</i> 523	
L65:4716	Cretinism myxœdema	525	Conveyances
L66:472	Acromegaly	526	Medicine
L7:51	Neurasthenia	<i>To be subdivided as</i> 523	
L7:52	Insomnia	54	<b>Prevention of diseases in general</b>
L71:453	Epilepsy	<i>To be subdivided as</i>	
L711:424	Cerebro-spinal meningitis	<b>4 Diseases</b>	
L72:4241	Tetanus	547	Prevention of accidents
L73:417	Neuralgia	55	<b>Public hygiene</b>
L76:411	Paralysis		
L76:453	Chorea	551	Ground
L81:463	Rickets	555	Water
L87:485	Edema	556	Season
L875:4716	Albinism	558	<i>(Divide by season)</i>
			<b>Air</b>

## MEDICINE

<b>57</b>	<b>Personal hygiene</b>	<b>7</b>	<b>Phylogeny</b>
571	Residence, furniture		<i>To be subdivided</i>
5711	Floor, walls, etc.		<i>as in G Biology</i>
5712	Water supply	<b>8</b>	<b>Physical fitness</b>
5713	Ventilation		<i>To be subdivided</i>
5714	Heating, cooling		<i>as the common subdivision</i>
5715	Light		<b>b13 Physical qualification</b>
5718	Drainage		<b>L [O]: 4—:[H]</b>
572	Exercise and recreation		<i>Divisions based on the train of</i>
			<b>Handling or H</b>
			<i>Characteristic</i>
<b>573</b>	<b>Food</b>		<i>For '4 Diseases' and its</i>
	<i>To be subdivided by</i>		<i>Subdivisions</i>
	<i>Substance Characteristic</i>		
	<i>as in E Chemistry</i>	<b>1</b>	<b>Nursing</b>
	<i>and F Technology</i>	<b>2</b>	<b>Etiology</b>
5731	Underfeeding	<b>3</b>	<b>Symptoms and</b>
5732	Overfeeding		<b>diagnosis</b>
5736	Fasting	31	By signs, clinical
574	Intoxicants, stimulants	32	By physical methods
575	Bath, toilet, cleanliness	325	By microscope
576	Regulation of habits	3253	By x-rays
577	Clothing	33	By chemical methods
	<i>To be subdivided by</i>	<b>4</b>	<b>Pathology</b>
	<i>Material Characteristic</i>	402	Physical methods
	<i>as in M7 Textiles</i>	403	Chemical methods
578	Sleep	411	Examination of cells
<b>6</b>	<b>Pharmacognosy</b>	412	Examination of tissues
61	Sources, etc.	424	Examination of gastric contents
611	Nomenclature and classification	427	Examination of feces
614	Sources	44	Examination of sputum
63	Pharmacology	45	Examination of urine
65	Pharmacopeia	4798	Post mortem examination
66	Materia medica		
68	Pharmacy		

## MEDICINE

5	<b>Preventive steps</b>	6434	Blood letting
51	Epidemiology	6435	Cupping
55	Control measures	644	Respiratory remedy
56	Immunology		( <i>Prāṇdyānam</i> )
		65	Hydrotherapy
<b>6</b>	<b>Therapeutics</b>	66	Serumtherapy
61	Methods of administration	67	Organotherapy
		68	Aerotherapy
6121	By mouth	69	Other cures
6123	By rectum	691	Psychotherapy
616	Injection		
6161	Epidermal	<b>7</b>	<b>Surgery</b>
6163	Intramuscular	75	Prosthesis
6166	Intravenous	76	Amputation
62	Physiotherapy	77	Excision
624	Thermotherapy	<b>8</b>	<b>Diet regulation</b>
625	Radiotherapy	9	Other factors
6252	Ultra-violet therapy	91	After care
		97	First aid
6253	X-ray therapy		
626	Electrotherapy		
627	Magnetotherapy		L: 6—: [S]
63	Pharmacotherapy		
63129	Radiumtherapy		
64	Physiological therapy		<i>Divisions based on the train of</i>
			<b>Substance or S</b>
			<i>Characteristic</i>
642	Regulation of diet		<i>as in E Chemistry</i>
6426	Fast cure		<i>and F Technology</i>

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<b>L9</b>	<b>Medicine as applied to special classes</b>
L91	Childhood <span style="float: right;">L93</span> Old age
L98	Tropical medicine

## MEDICINE

### Special Schools of Medicine

#### LA Ayurveda system

*Divisions by the Classic Device (Illustrative)*

- LAx1 *Carakasamhitā*  
LAx11 Patañjali's commentary  
LAx12 Cakrapāṇidatta *Carakatātparyadīpikā* or *Āyurveda dīpikā*  
LAx13 Haricandra's commentary  
LAx14 Śivadāsa *Caraka tattva pradīpikā*  
LAx15 Gaṅgādhara *Jalpakaḷpataru*  
LAx2 Vāgbhaṭa I *Aṣṭāṅgasaṅgraha*  
LAx21 Aruṇadatta's commentary  
LAx3 Vāgbhaṭa II *Aṣṭāṅgahṛdaya*  
LAx31 Aruṇadatta *Sarvāṅgasundara*  
LAx32 Hemādri or Kāmadeva *Āyurveda darśana*  
LAx33 Āsādhara sallakṣaṇa *Aṣṭāṅgahṛdayoddyota*  
LAx34 Candracandana *Padārthacandrikā*  
LAx35 Dāmodara *Saṅketamañjarī*  
LAx36 Rāmanātha Vaidya *Aṣṭāṅgahṛdayaṭīkā*  
LAx37 *Bālaprabodhikā*  
LAx38 *Hṛdayabodhikā*  
LAx3M80 Harikṛṣṇa Mullick *Vāgbhaṭārthakaumudī*  
LAx3M90 Yaśodānandan Sarkār *Pradīpa*  
LAx4 Bhela *Bhelasamhitā*  
LAx5 Śārṅgadhara *Śārṅgadharasamhitā*  
LAx51 Ādhamalla *Śārṅgadharadīpikā*  
LAx6 Bhāva Miśra *Bhāvaprakāśa*  
LAx7 *Navanāvanītakam*  
LAx8 Yogānandanātha *Āyurvedasūtra*  
LAxD4 Nāgārjuna *Rājavaiśeṣikasūtra*  
LAxM13 Parameśwara *Hṛdayapriyā*  
LA:4x1 Mādhavakara *Mādhavanidāna*  
LA:4:6x1 Cakrapāṇidatta *Cikitsāsārasamhitā*  
LA:4:7x2 *Suśruta samhitā*  
LA:4:7x21 Chakrapāṇidatta *Bhānumatī*  
LA:4:7x22 Gayādāsa *Nyāyacandrikā* or *pañjikā*  
LA:4:7x23 Jejjāṭcārya's commentary



## MEDICINE

- LA :4 :7x24 Bhāskara's commentary  
LA :4 :7x25 Mādhava's commentary  
LA :4 :7x26 Brahmadeva's commentary  
LA :4 :7x27 Dallaṅcārya *Nibandhasaṅgraha*  
LA :4 :7x28 Ubhalta's commentary  
LA :4 :7x3 *Bhojatantram* or *Bhojasamhitā*  
LA :441 :6x1 *Kāśyapa samhitā*  
LA :6x2 *Kāka caṅḍiśwaratantra*  
LA :65x1 *Muktāvali*  
LA :67x1 Cakrapāṇidatta *Cakradatta* or *Dravyaguṇasaṅgraha*  
LA :68x1 Vāgbhaṭa (son of Siṃha Gupta) *Rasaratnasamuc-  
caya*  
LA :68x2 *Rasādhyāya*  
LA91x1 *Jivakatantra*  
LA91x2 *Parvatakatantra*  
LA91x3 *Bandhakatantra*  
LA91x4 *Hiranyākṣavatatantra*  
LA91xM90 Ramavarier *Ārogyakalpadruma*
- LB** Siddha system  
**LC** Unani system  
**LL** Homeopathy

## M USEFUL ARTS

<b>M1</b>	<b>Book production and description</b>	1	Cotton
		2	Wool
M13	Paper-making	3	Silk
M14	Printing, etc.	4	Flax
M141	Type founding	5	Other vegetable fibres
M142	Composition		
M143	Printing	6	Metal yarn and fabrics
M144	Book illustrations		
M145	Ink manufacture		<i>Divisions based on the train of</i>
M148	Typewriting		<b>Work or W</b>
M15	Book-binding		<i>Characteristic</i>
M16	Publishing	1	Preliminaries
M17	Book selling	11	Sorting, ginning
M18	Book description, bibliography	12	Beating, scouring
		13	Carding
M19	Technique of book writing	15	Oiling, washing
		2	Spinning
M194	Editing	3	Twisting
M1942	Manuscripts	4	Bleaching, dyeing
M1944	Printed books	7	Weaving
M195	Indexing	8	Textile printing
<b>M2</b>	<b>Journalism</b>	M8	Dress making
<b>M3</b>	<b>Domestic science</b>	M92	Masonry
M31	Cooking	M95	Photography
M32	Serving	M97	Leather industries
M4	Smithy		<i>To be divided as the</i>
M5	Carpentry		<b>Problem Divisions</b>
M6	Glass industry		<i>of Y1 Sociology</i>
<b>M7</b>	<b>Textiles</b>		<i>Further divisions by the</i>
			<b>Subject Device</b>
			<i>(Illustrative)</i>
	<b>M7 [M] : [W]</b>		
	<i>Divisions based on the train of</i>	MB1	Calculating machines, etc.
	<b>Material or M</b>		
	<i>Characteristic</i>	MB9	Horology



## USEFUL ARTS

541	Dogs	3	Preparation
542	Cats	7	Administering
546	Parrots	8	Storing
611	<b>Bees</b>		
612	Fish yielding medicinal oils		<b>MK [U] [P] [A]: 2 or 3 [O]</b>
771	<b>Silkworms</b>	2	<b>Morphology and</b>
783	Sheep		
788	Fox	3	<b>Physiology</b>
811	Lac insect		<i>Divisions based on the train of Organ or O</i>
	<i>Divisions based on the train of Veterinary or V</i>		<i>Characteristic Same as in L Medicine</i>
1	<b>Feeding</b>		
2	<b>Morphology</b>	4	<b>Diseases</b>
3	<b>Physiology</b>		<b>MK [U] [P] [A]: 4 [O]: [D]: [H]</b>
4	<b>Diseases</b>		<i>Divisions based on the train of Organ or O</i>
5	<b>Hygiene</b>		<i>Disease or D and</i>
6	<b>Pharmacognosy</b>		<b>Handling or H</b>
7	<b>Produce</b>		<i>Characteristics Same as in L Medicine</i>
8	<b>Training</b>		
91	Nomenclature, classification		<i>except that in the case of Diseases the initial 4 is to be omitted</i>
	<i>To be divided as in G Biology</i>		
1	<b>Feeding</b>		
	<b>MK [U] [P] [A]: 1 [S]: [H]</b>		
	<i>Divisions based on the train of Substance or S</i>		
	<i>Characteristic</i>		
	<i>to be got by Subject Device</i>		
	<i>Divisions based on the train of Handling or H</i>		
	<i>Characteristic</i>		
1	Nomenclature, classification		
		5	<b>Hygiene</b>
		6	<b>Pharmacognosy</b>
			<b>MK [U] [P] [A]: 5 [ ]: [ ]</b>
			<b>MK [U] [P] [A]: 6: [S]</b>
			<i>Subdivisions same as in L Medicine</i>

## USEFUL ARTS

<p><b>7</b>            <b>Produces</b></p> <p><b>MK [U] [P] [A]: 7 [M]:</b> <b>[O]</b></p> <p><i>Divisions based on the train of <b>Material or M</b> Characteristic (Illustrative)</i></p> <p><i>For the combination</i></p> <p><b>31 of the Utility and Part</b> <i>numbers and its subdivisions</i></p> <p>1            Milk</p> <p>3            Butter</p> <p>4            Ghee</p> <p>5            Butter milk</p> <p>8            Cheese</p> <p><i>For the combination</i></p> <p><b>35 of the Utility and Part</b> <i>numbers and its subdivisions</i></p> <p>5            Eggs</p> <p>6            Yolk</p> <p><i>Divisions based on the train of <b>Operation or O</b> Characteristic Same as in</i></p> <p><b>J Agriculture</b></p> <p>MN8       Musical instrument               making</p> <p>MP         Shorthand</p> <p>MV4       Science of war</p> <p>MV41      Military science</p> <p>MV45      Naval science</p> <p>MV48      Airfight</p> <p>MX411     Traffic regulation in               roads</p>	<p><b>MY</b>       <b>Physical training,</b>               <b>sports, games,</b>               <b>use of leisure</b></p> <p><b>MY1</b>       <b>Physical training</b></p> <p>MY11       Callisthenics</p> <p>MY12       Heavy exercises</p> <p><b>MY2</b>       <b>Athletics</b></p> <p>MY21       Ball games</p> <p>MY211      Thrown by hand</p> <p>MY2115     Basket ball</p> <p>MY2116     Volley ball</p> <p>MY212      Driven by foot</p> <p>MY2121     Foot ball</p> <p>MY2122     Rugby</p> <p>MY213      Thrown with racket</p> <p>MY2131     Tennis</p> <p>MY2132     Badminton</p> <p>MY214      Driven by bats</p> <p>MY2141     Cricket</p> <p>MY2142     Base ball</p> <p>MY2143     Hockey</p> <p>MY2144     Croquet</p> <p>MY2145     Golf</p> <p>MY2146     Polo</p> <p>MY22       Competitive sports</p> <p>MY221      Tug of war</p> <p>MY222      Throwing games</p> <p>MY223      Stilt walking</p> <p>MY224      Jumping</p> <p>MY225      Running</p> <p>MY226      Cycling</p> <p>MY227      Motoring</p> <p>MY23       Children's games</p> <p>MY24       Fighting sports</p> <p>MY241      Boxing</p> <p>MY242      Fencing</p>
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## USEFUL ARTS

MY243	Archery	MY34	Occupational amuse- ments
MY244	Shooting	MY35	Play with dolls and toys
MY245	Wrestling		
MY25	Aquatic sports	<b>MY4</b>	<b>Jugglery</b>
MY251	Swimming	<b>MY5</b>	<b>Animal racing</b>
MY252	Boating	<b>MY6</b>	<b>Hunting</b>
MY254	Skating	MY65	Fishing
MY256	Water polo	MY7	Scouting
MY28	Airsports	MY8	Club life
MY284	Aviation		
<b>MY3</b>	<b>Indoor amuse- ments, games</b>		<i>Class number by Classic Device (Illustrative)</i>
MY31	Card		
MY32	Chance games		
MY321	Dice		
MY322	Chess	MrE55	Bhoja <i>Yuktikalpa- taru</i>
MY33	Billiards		

## △ SPIRITUAL EXPERIENCE AND MYSTICISM

△ [R]: [P]: [S]

*Divisions based on the train  
of Religion or R  
Characteristic*

*Divisions based on the train  
of Problem or P  
Characteristic*

1	Integral, <i>Pūrṇa</i>	1	Nomenclature
2	Hindu	18	Symbolism
22	Haṭha	3	Technique
23	Jñāna	34	Breath control
24	Karma	36	Meditation
25	Bhakti	5	Visions
26	Rāja	6	Traditions
28	Siddhars (of South India)	7	Interpretation and relation
3	Jaina	8	Occultism
4	Buddhistic	83	Manifestations
42	Mahāyāna (Indian)	831	Materialisation
421	Vajrayāna	833	Clairaudience
426	Sahajayāna	834	Telepathy
428	Mantrayāna	835	Clairvoyance
44	Shingon	838	Writing
45	Amita	84	Transformation
46	Zen	86	Prophecy
47	Mahāvairōcana	862	Physiognomy
5	Judaic	8625	<i>Macca Sāstra</i>
6	Christian	8627	Palmistry
63	Gnostic	8628	Phrenology
7	Islamic	864	Astrology
73	Sufi	866	Precognition
8452	Mithraism	8692	Omens
8513	Neoplatonic		

## SPIRITUAL EXPERIENCE AND MYSTICISM

87	<b>Magic and witchcraft</b>	△25xD60	Paṭṭinattu Pillai
		△25xD65	Paṭṭiragiriyār
872	Sympathetic	△25xK00	Tāyumānavar
874	Ceremonial	△25xM23	Rāmalingasvāmi- gal
	<i>Divisions based on the train of Subject or S Characteristic</i>	△26x4	Rāja yōga Upani- ṣads
11	<b>God</b>	△26x4:11	<i>Maṇḍala Brāhma- ṇopaniṣad</i>
12	Angels, devils		
14	Man		
15	Fairies	△28	<b>Siddhars of South India</b>
16	<b>Disembodied souls</b>	△28x12	Rāmadevar
2	<b>Nature</b>	△28x13	Kumbamuni
21	Earth	△28x14	Iḍaikkāḍar
216	Mountains	△28x15	Dhanvantari
217	Rivers	△28x16	Vālmiki
25	Oceans	△28x17	Kamalamuni
28	Sky	△28x18	Bhoganāthar
2B9	Heavenly bodies	△28x21	Macca Muni
	<i>(To be subdivided as in B9 Astronomy</i>	△28x22	Koṅkanār
		△28x23	Patañjali
5	Space	△28x24	Nandi deva
6	Time	△28x25	Bodhaguru
	<i>Divisions by the Classic Device</i>	△28x26	Pāmbātti
	<i>(Illustrative)</i>	△28x27	Āttaimuni
	△2 Hindu	△28x28	Sundarānanda- devar
△2x4	Yōga Upaniṣads	△28x31	Kuḍumbai Śittar
△2x6:11	<i>Avadhūta gītā</i>	△28x32	Gorakkar
△22x3	<i>Gheraṇḍa samhitā</i>	△28x33	Ahappy Sittar
△22x4	Svātmārāmaswāmin <i>Haṭha- yōgapradīpikā</i>	△28x41	Sattiyānāthar
		△28x42	Saṭokanāthar
		△28x43	Ādināthar
		△28x44	Anādināthar
		△28x45	Vahulināthar
△25x1	Nārada <i>Bhakti- sūtra</i>	△28x46	Mataṅganāthar
		△28x47	Maccendranāthar
△25x2	Śāṇḍilya	△28x48	Kaṭendranāthar



## SPIRITUAL EXPERIENCE AND MYSTICISM

### △3 Jain

△3x D50 Yōgin d u d ē v a  
*Paramātmāpra-*  
*kāśa*

### △4 Buddhistic

- △41:3x1 Y o g ā v a c ā r a  
*Manual*
- △42:3x2 Dha r m ē n d r a  
*Yōgāvatārōpa-*  
*deśa*
- △42:87x1 *Tathāgata-guh-*  
*yaka or Guhya-*  
*samāja*
- △42:87x2 *Pañcakrama*
- △42:87x4 *Mañjusrī-mūla-*  
*kalpa*
- △42:87x5 *Caṇḍa-mahāro-*  
*ṣaṇa-tantra*
- △42:87x6 *Śrīcakrasam-*  
*bhāratantra*
- △42:87x7 *Indrabhūti Jñā-*  
*nasiddhi*
- △42:87x8 *Sādhana-mālā*
- △42:87x91 *Tisāvastik*

△42:87x92 *Ḍḍkārṇava*

△47x1 *Mahāvairōcana-*  
*sūtra*

### △5 Judaic

△5:8x1 *Zohar*

### △73 Sufi

- △73xD40 Abu Bakral-  
Kalabadhi
- △73xE58 Al-Ghazzali
- △73xG07 Jalal-ud-din  
Mu h a m m a d  
Rumi
- △73xI14 Nūruddin Abd-  
u r-R a h m a n  
Jami

### △841 Chinese

△841xD77 *Secret of golden*  
*flower*

### △8513 Neo-platonic

- △8513x1 *Hermes Herme-*  
*tica*
- △8513xD20 Plotinus
- △8513xI60 Ebreo (Leone)

## N FINE ARTS

<i>Canonical divisions</i>		N144:E	Jaina
<b>N1</b>	<b>Architecture</b>	N144:J	Moghul
<b>N2</b>	<b>Sculpture</b>	N1441	Dravidian
<b>N3</b>	<b>Engraving</b>	N144112:G	Pallava
<b>N4</b>	<b>Graphic Art, Drawing, Design</b>	N14431:D	Cālukyan
<b>N5</b>	<b>Painting</b>	N145:C	Persian
<b>N6</b>	<b>Ceramics</b>	N145:D	Selucid and Sassanian
<b>N7</b>	<b>Dance</b>	<b>N146</b>	<b>Saracenic</b>
<b>N8</b>	<b>Music</b>	N1461	Arabian
<b>N91</b>	<b>Theatre</b>	N1463:C	Jewish
<b>N915</b>	<b>Cinemas</b>	N147:A	Babylonian
<b>N9153</b>	<b>Talkies</b>	N147:B	Assyrian
		N147:D	Byzantine
		N1492	Syrian
<b>N1 ARCHITECTURE</b>		<b>N15</b>	<b>European</b>
<b>N1</b>	<b>[G]: [C] [U]: [P]</b>	N15:D	Romanesque
<b>N11</b>	<b>Technique</b>	N15:F	Gothic
<b>N111</b>	<b>Composition, proportion</b>	N15:J	Renaissance
<b>N113</b>	<b>Plan</b>	<b>N151</b>	<b>Greek</b>
<b>N114</b>	<b>Elevation</b>	N151:A	Minoan and Mycenaean, Pelasgic
<b>N115</b>	<b>Section</b>	N151:C	Hellenic
<b>N116</b>	<b>Perspective</b>	N1513:C	Corinthian
<b>N118</b>	<b>Models</b>	N1517:C	Doric
		N1519:C	Ionian
<i>Divisions based on the train of Style or S Characteristic (illustrative)</i>		<b>N152</b>	<b>Italian</b>
<b>N141</b>	<b>Chinese</b>	N152:C	Etruscan
<b>N142</b>	<b>Japanese</b>	N152:D	Roman
<b>N144</b>	<b>Indian</b>	N152:E	Tuscanian
<b>N144:C</b>	<b>Buddhist</b>		

## FINE ARTS

<b>N156</b>	<b>British</b>	<b>4</b>	<b>Hotels, etc.</b>
N1561 :D	Anglo-Saxon	43	Restaurants
N1561 :E	Norman	44	Hotels, hostels
N1561 :H	Early English	45	Inns
N1561 :J	Tudor	5	<b>City halls</b>
N1563	Scottish	6	<b>Museum buildings</b>
N1563 :G	First period	7	<b>General office buildings</b>
N1563 :H	Second period	7	<b>General office buildings</b>
N1563 :I	Third period	8	<b>Sepulchral monuments</b>
N1563 :J	Fourth period	8	<b>Sepulchral monuments</b>
<b>N1564</b>	<b>Irish</b>	<b>9</b>	<b>Other buildings</b>
N1564 :D	Celtic		<i>(To be divided by the</i>
N1564 :G	Mediaeval		<i>Subject Device)</i>
<b>N167</b>	<b>Egyptian</b>		<i>Divisions based on the train of</i>
<b>N174 :F</b>	<b>Aztec</b>		<b>Part or P</b>
			<i>Characteristic</i>
	<i>Divisions based on the train of</i>		<b>For '1 Town Planning'</b>
	<b>Utility or U</b>		
	<i>Characteristic</i>	1	Zones
		3	Landscape
<b>1</b>	<b>Town planning</b>	4	Roads, avenues
<b>11</b>	Village	5	Markets
<b>13</b>	Town	6	Public resorts
<b>15</b>	City	61	Places for public
<b>17</b>	Metropolis		worship
<b>2</b>	<b>Buildings</b>	62	Public baths
<b>22</b>	Library buildings	64	Promenades
	<i>To be divided on the basis</i>	65	Playgrounds
	<i>of the 'L' Characteristic</i>	66	Parks
	<i>of '2 Library Science'</i>	691	Theatres
		7	Monuments
<b>3</b>	<b>Dwellings</b>	8	Cemeteries
<b>31</b>	Rural houses	9	Other parts
<b>33</b>	Urban houses		
<b>35</b>	City houses		<i>For the other Utility Divisions</i>
<b>37</b>	Castles, palaces	3	Floor
<b>39</b>	Other groupings	4	Supports
<b>391</b>	Detached houses	41	Walls
<b>393</b>	Attached houses	45	<b>Pillars</b>
<b>399</b>	Workmen's cottages	453	<b>Base</b>

## FINE ARTS

455	Shaft	N219	Other aspects
458	Capital	N2198	Preservation
46	Arches		<i>Divisions based on the train of</i>
5	Stairways		<b>Material or M</b>
6	Roof		<i>Characteristic</i>
62	Gables	1	Wood
63	Roof covering	3	Marble
631	Tiles	4	Stone
		5	Bronze
633	<b>Ceiling</b>	6	Other metals
64	Flat roof	7	Terracotta
65	Domes	8	Ivory
66	Spires	9	Other materials
67	<b>Towers</b>		<i>Divisions based on the train of</i>
7	<b>Windows</b>		<b>Figure or F</b>
			<i>Characteristic</i>
71	Compass window	1	Human figures
72	Offertory window	11	Equestrian statues
73	Rose window	18	Busts
74	Venetian window	2	Nature
79	Other types	21	Earth
8	Doors	216	Mountains
9	Other features	217	Rivers
91	<b>Cornices</b>	218	Lakes
92	<b>Friezes</b>	25	Oceans
94	Fire places, mantles	3	Landscape
98	Chimneys	4	Plants
99	<b>Decorations</b>	5	Animals
992	Decoration in relief	6	Scenes
993	Veneering	7	Numismatics
994	Mosaic	71	Coins
995	Painted decoration	72	Medals
996	Stained glass	74	Seals
999	Other modes	8	Sepulchres
		81	Effigies
		9	Other subjects
			<i>(To be divided by the</i>
			<i>Subject Device)</i>
		9Q	Iconography
	<b>N2 SCULPTURE</b>		
<b>N21</b>	<b>Technique</b>		
<b>N214</b>	Design, drawing		
<b>N215</b>	Making of casts		
<b>N218</b>	Modelling		

## FINE ARTS

### N3 ENGRAVING

#### *Canonical Divisions*

N31	Line
N32	Stipple
N33	Mezzotint
N35	Aquatint
N36	Etching
N38	Lithography

### N5 PAINTING

N51	Technique
N511	Composition
N512	Colour
N513	Water-colour painting
N514	Oil-painting
N515	Gouache
N516	Distemper
N517	Encaustic
N519	Other topics
N5198	Preservation

#### *Divisions based on the train of Material of surface or M Characteristic*

1	Wood
2	Paper
3	Fresco
4	Stone
5	Metals
6	Glass
7	Canvas
8	Ivory
9	Other surfaces

#### *Divisions based on the train of Figure or F Characteristic (Same as for 'N2 Sculpture')*

### N8 MUSIC

#### *Divisions based on the train of Instrument or I Characteristic*

1	General
2	Wind instruments
21	Pipe
22	Flute
23	Organ
24	Clarionet
25	Oboe
26	Bassoon
27	Bagpipe
28	Trumpet
29	Others
291	Harmonium
3	Stringed instruments
31	<i>Vīṇā</i>
32	Violin
34	Piano
35	Harp
36	Lute
39	Others
4	Percussion instruments
41	Drum
42	Kettle-drum
48	Cymbals
49	Others
91	Vocal

#### *Divisions based on the train of Music or M Characteristic*

1	Words, libretto
18	Notation
2	Forms
6	Keeping time, <i>tālam</i>
91	Dramatic music
92	Orchestral music

## FINE ARTS

### *Class Numbers by the Classic Device (Illustrative)*

N144x1	<i>Mānasāra</i>
N744x1	<i>Nandikeśwara Abhinayadarpaṇa</i>
N844x1	<i>Śārṅgadeva Saṅgītaratnākara</i>
N844x2	<i>Dattilamuni Dattila</i>
N844x3	<i>Mataṅgamuṇi Bṛhaddeśi</i>
N844x4	<i>Pārśvadevā Saṅgītasamayasāra</i>
N844x5	<i>Nārada Saṅgītamakaranda</i>
N844xJ20	<i>Rāmāmātya Svaramelakalānidhi</i>
N844xK12	<i>Ahobala Saṅgītapārijāta</i>
N8441: Kx6	<i>Venkaṭamakṣiṇ Caturdaṇḍiprakāśikā</i>
N8441: KxK09	<i>Somanātha Rāgāvibodha</i>

## O LITERATURE

O [L]: [F] [A]: [W]

	<i>Divisions based on the Form or F Characteristic</i>	4	Letters, literature written in the form of letters
1	Poetry	5	Orations :
2	Drama	6	Other forms of prose
3	Fiction, including short stories	7	Campu

*Class Numbers by Special devices (illustrative)*

### Shakespeare Controversy

- O:2J64:90w1 Bacon—Shakespeare  
O:2J64:90w2 Rutland—Shakespeare  
O:2J64:90w3 Derby—Shakespeare  
O:2J64:90w4 Oxford—Shakespeare

### Greek literary criticism

- O13:1:9x1 Aristotle *Poetics*

### Ancient Sanskrit poetry

- O15:1A1 Rāmāyaṇa  
O15:1A2 Mahābhārata

### Sanskrit literary criticism. Alamkara

- O15:2:9xD98 Dhanañjaya *Daśarūpaka*  
O15:2:9xD98I Dhanika *Avaloka*  
O15:2:9xG43 Sāgaranandin *Nāṭakalakṣaṇa ratnakōśa*  
O15:9x1 Bharata *Nāṭya-śāstra*  
O15:9x13 Abhinavagupta *Abhinavabhārati* or *Nāṭyaveda-vivṛti*  
O15:9x2 Bhamaha *Bhāmahālamkāra* or *Kāvyaśāstra*  
O15:9x3 Dandin *Kāvyaśāstra*  
O15:9x31 Taruṇāvācaspati *Kāvyaśāstraśikṣā*

## LITERATURE

- O15 :9x32 *Hṛdayaṅgama*  
 O15 :9x33 *Vādijaṅghāla Śrutānupālīni*  
 O15 :9x34 *Harinātha Mahopādhyāya Mārjana*  
 O15 :9x38 *Jivānandavidyāsāgara Bhaṭṭācārya Kāvyaḍarśa-  
 tīkā*
- O15 :9x4** *Udbhata Kāvyaḷaṃkāra-sārasaṃgraha*  
 O15 :9x41 *Pratihārendurāja Laghuvṛtti*  
 O15 :9x43 *Rājānaka Tilaka Vivṛti*
- O15 :9x5** *Vamana Kāvyaḷaṃkārasūtravṛtti*  
 O15 :9x52 *Gopendra Tippa Bhūpāla Kāmadhenu*
- O15 :9x6** *Rudrata Rudraṭāḷaṃkāra*  
 O15 :9x62 *Nami Sādhu Rudraṭāḷaṃkāraṭippaṇa*  
 O15 :9x65 *Āsādhara's commentary*
- O15 :9x7** *Anandavardhana Dhvanyāloka*  
 O15 :9x73 *Abhinavagupta Kāvyaḷoka-locana*  
 O15 :9x731 *Parameśvarācārya Locana-vyākhyā-kaumudī*  
 O15 :9x732 *S. Kuppaswāmi Śāstri Uḷpalocana*
- O15 :9x8** *Mammata Kāvyaḷprakāśa*  
 O15 :9x81 *Ruyyaka Saṃketa*  
 O15 :9x82 *Māṅkiyacandra Saṃketa*  
 O15 :9x83 *Bhaṭṭagopāla Sāhityacūḍāmaṇi*  
 O15 :9x84 *Ratneśvara's commentary*  
 O15 :9x85 *Viśvanātha Darpaṇa*  
 O15 :9x86 *Vidyācakravartin Brhaṭṭīkā or Saṃpradāya pra-  
 kāśīni*
- O15 :9x87 *Govinda Ṭhakkūra Pradīpa*  
 O15 :9x871 *Vaidyanātha Pradīpaprabhā*  
 O15 :9x872 *Nāgogi Bhaṭṭa Pradīpoddyota*  
 O15 :9x88 *Vāmanācārya's commentary*  
 O15 :9xD85 *Rudrabhaṭṭa Śṛṅgāratilaka*  
 O15 :9xD90 *Ajitasenācārya Alaṃkāracintāmaṇi*
- O15 :9xD91** *Rajasekhara Kāvyaḷmīmāṃsā*  
 O15 :9xD92 *Mukula Bhaṭṭa Abhidhāvṛttimātrkā*
- O15 :9xE25** *Ksemendra Aucityavicāracarcā*  
 O15 :9xE50 *Kuntala Vakroktiḷivita*
- O15 :9xE51** *Mahimabhata Vyaktiviveka*  
 O15 :9xE511 *Vyaktiviveka vyākhyā*



## LITERATURE

- O15:9xE55:1** *Bhoja Sarasvatikanthābharāṇa*  
**O15:9xE55:2** *Bhoja Sṛṅgāraprākāśa*  
**O15:9xE551** *Ratneśvara Ratnadarpaṇa*  
**O15:9xE552** *Jagaddhara Tikā*  
**O15:9xE60:1** *Mammaṭa Śabdavyāpāra vicāra*
- O15:9xE89** *Hemacandra Kāvyaṇuśāsana*  
**O15:9xF20:1** *Ruyyaka Alaṃkārasarvasva*  
**O15:9xF20:11** *Jayaratha Alaṃkārasarvasva-vimarśinī*  
**O15:9xF20:12** *Samudrabandha Alaṃkārasarvasva-vyākhyā*  
**O15:9xF20:13** *Vidyācakravartin Sañjīvinī*  
**O15:9xF20:14** *Mankhuka Alaṃkāra sūtravṛtti*  
**O15:9xF20:2** *Ruyyaka Sāhityanīmāmsā*
- O15:9xF25** *Vagbhata I Vāgbhaṭālaṃkāra*  
**O15:9xF252** *Simhadevagaṇi's commentary*  
**O15:9xF90** *Śāradātanaya Bhāvaprākāśa*  
**O15:9xG42** *Arisimha Kavitārahasya or Kāvyaikalpalatā*  
**O15:9xG421** *Amaracandra Kaviśikṣāvṛtti*
- O15:9xG90** *Vagbhata II Kāvyaṇuśāsana*  
**O15:9xG901** *Vāgbhaṭa Alaṃkāratilaka*  
**O15:9xH00** *Deveśvara Kavikalpalatā*  
**O15:9xH001** *Vecārāma Sārvabhauma's commentary*  
**O15:9xH002** *Rāmagopāla Kaviratna's commentary*
- O15:9xH10** *Jayadeva Candrāloka or Pīyūśavarṣa*  
**O15:9xH101** *Pradyotana Bhaṭṭa Candrālokaprākāśa Saradāgama*  
**O15:9xH102** *Viśveśvara or Gāgābhaṭṭa Rākāgama or Sudhā*  
**O15:9xH103** *Vaidyanātha Pāyagaṇḍa Ramā*  
**O15:9xH104** *Virūpākṣa Śāradaśarvarī*
- O15:9xH15** *Vidyadhara Ekāvalī*  
**O15:9xH151** *Mallinātha Taralā*
- O15:9xH16** *Vidyanatha Pratāparudra-yaśobhūṣaṇa*  
**O15:9xH161** *Kumārasvāmin Ratnāpaṇa*  
**O15:9xH30** *Śingabhūpāla Rasārṇava-sudhākara*
- O15:9xH35** *Visvanatha Sāhityadarpaṇa*  
**O15:9xH352** *Rāmacaraṇa Tarkavāgīśa Vivṛti*  
**O15:9xH554** *Gopinātha Prabhā*

## LITERATURE

- O15:9xH50:1** Bhanudatta *Rasataranṅiṇī*  
**O15:9xH50:11** Ghṅgārāma Jaḍi *Naukā*  
**O15:9xH50:2** Bhanudatta *Rasamanjari*  
**O15:9xH50:21** Ananda Paṇḍita *Vyaṅgyārtha kaumudī*  
**O15:9xH50:22** Nāgeṣa Bhaṭṭa *Prakāśa*  
**O15:9xH50:23** Śeṣacintāmaṇi *Parimala*  
**O15:9xH50:24** Gopālācārya *Vikāśa*  
**O15:9xH50:25** Dravida Gopāla Bhaṭṭa *Rasikaraṅjaṇī*  
**O15:9xH50:27** *Amoda*  
**O15:9xH50:2M80** Badarinātha Śarma *Surabhi*  
**O15:9xJ24** Kavikarnapura *Alaṃkārakaustubha*  
**O15:9xJ241** Viśvanāthacakravartin *Alaṃkāra-kaustubha*  
*sārabodhinī*  
**O15:9xJ242** *Alaṃkārakaustubha-kiraṇa*  
**O15:9xJ32** Rūpa Gosvāmin *Ujjvalanīlamani*  
**O15:9xJ321** Jīva Gosvāmin *Locana-rocanī*  
**O15:9xJ322** Viśvanāthacakravartin *Anandacandrikā* or  
*Ujjvalanīlamani-kiraṇa*  
**O15:9xJ35** Gaṅgānanda Maithila *Karṇabhūṣana*  
**O15:9xJ53:1** Appayadiksita *Kuvalayānanda*  
**O15:9xJ53:11** Vaidyanātha Tatsat *Alaṃkāra candrikā*  
**O15:9xJ53:12** Āśādhara *Alaṃkārādīpikā*  
**O15:9xJ53:13** Gaṅgādharādharin or Gaṅgādharavājapeyin  
*Rasikaramani*  
**O15:9xJ53:14** Nāgoji Bhaṭṭa *Alaṃkārasudhā*  
**O15:9xJ53:2** Appayadiksita *Citramīmāṃsā*  
**O15:9xJ53:3** Appayadiksita *Vṛttivārtika*  
**O15:9xJ60** Keśava Miśra *Alaṃkāraśekhara*  
**O15:9xJ64** Prabhākara Bhaṭṭa *Rasapradīpa*  
**O15:9xJ90** Kavicandra *Kāvya-candrikā*  
**O15:9xK36** Rājacūḍāmaṇidīkṣita *Kāvya-darpaṇa*  
**O15:9xK40** Nṛsimhakavi *Nañjarājayaśobhūṣana*  
**O15:9xK75:1** Jagannātha *Rasa-gaṅgādhara*  
**O15:9xK75:11** Nāgeṣa Bhaṭṭa *Gurumarma-prakāśikā*  
**O15:9xK75:2** Jagannātha *Citramīmāṃsākhaṇḍana*  
**O15:9xL00** Viśveśvara Bhaṭṭa *Alaṃkārakaustubha*  
**O15:9xL10** Cirañjivi Bhaṭṭācārya *Kāvya-vilāsa*  
**O15:9xL20** Cirañjivi Bhaṭṭācārya *Sṛṅgārāḍākinī*



## LITERATURE

O31 :1B67	<i>Kainilai</i>
<b>O31 :1B7</b>	<i>Pattuppāttu</i>
O31 :1B711	<i>Tirumurukārruppā dai</i>
O31 :1B712	<i>Porunarārruppā dai</i>
O31 :1B721	<i>Cirupānarruppā dai</i>
O31 :1B722	<i>Perumpānarruppā dai</i>
O31 : B731	<i>Mullaippāttu</i>
O31 :1B732	<i>Maturaikkāñchi</i>
O31 :1B741	<i>Nedunalvā dai</i>
O31 :1B742	<i>Kuruñchippāttu</i>
O31 :1B751	<i>Pattinappā lai</i>
O31 :1B752	<i>Malaipaṭu kaṭām</i>
<b>O31 :1B8</b>	<i>Pancha kāvyam</i>
O31 :1B81	<i>Cīvaka cintāmani</i>
O31 :1B82	<i>Cilappadikāram</i>
O31 :1B83	<i>Maṇimekalai</i>
O31 :1B84	<i>Valaiyapāṭi</i>
O31 :1B85	<i>Kunḍalakeci</i>

### Kanarese Poetics and Prosody

O33 :1 :9x1	<i>Kavirāja mārgam</i>
O33 :1 :90Px1	Nāgavarma <i>Chandombudhi</i>
O33 :1 :90Px2	<i>Nandi Chandas</i>

### Telugu Prosody

O35 :1 :90Px1	Bhīmakavi (Vemulavāda) <i>Kavijanāśrayamu</i>
O35 :1 :90Px2	Ananta <i>Anantuni chandamu</i> or <i>chandodar- paṇamu</i>
O35 :1 :90Px3	Tātambhaṭṭa (Mannulakṣaṇakavi) <i>Sulak- ṣaṇasāramu</i>
O35 :1 :90Px4	Kastūriraṅgayya <i>Anandaraṅgarāṭchandamu</i>
O35 :1 :90Px94	Subrahmaṇya Śāstri (A) <i>Kāvyaḍdarśamu</i>
O35 :1 :90PxJ45	Ramabadra Kavi <i>Kavijana sanjivini</i>

## P LINGUISTICS

P [L]: [S] [P]: [E]

	15:A	Ancient or Vedic Sanskṛt
<i>Common subdivisions of variants</i>	15:B	Epic Sanskṛt
01 Dialect	15:C	Classical Sanskṛt
04 Slang		—
05 Jargon	31:A	Ancient Tamil
<b>Stage Numbers</b> <i>(illustrative)</i>	31:J	Modern Tamil
111:D Old English		—
111:E Middle English	33:A	Ancient Kanarese
111:J Modern English	33:E	Old Kanarese (Hala Kanarese)
—	33:J	Modern Kanarese (Hosa Kanarese)
113:D Old German	<i>Divisions based on the train of Problem or P Characteristic</i>	
113:E Middle German	1	Sound, phonetics, phonology
113:J Modern German	12	Accent
—	122	Quantity. Stress accent
114:D Old Swedish	123	Quality, pitch, pitch accent
114:J Modern Swedish	13	Conditional changes, combinative chan- ges, e.g., Umlaut, Verner's Law
—	14	Sudden changes, loss, appearance
115:D Old Norse	15	Changes due to ana- logy
115:J Modern Norwegian		
—		
117:D Old Icelandic		
117:J Modern Icelandic		
—		
122:A Old French		
122:F Middle French		
122:H Modern French		
—		
1295:D Old Irish		
1295:E Middle Irish		
1295:N Modern Irish		

## LINGUISTICS

16	Unconditional changes, isolative changes, <i>e.g.</i> , Grimm's Law	336	Adjuncts to predicate
		38	Function by position
18	Representation	4	<b>Meaning for a given element, semasiology</b>
2	<b>Structure, morphology</b>		
21	Number	5	<b>Element for a given idea</b>
22	Gender		
23	Case	52	Adaptation of existing elements
24	Degrees of comparison	53	Coining of elements
25	Person	58	Borrowing from other languages
26	Mood		
27	Tense	7	<b>Composition</b>
28	Derivation if applied to <i>words</i> , transformation if applied to <i>sentences</i>	75	Figure of speech, imagery
			<i>Divisions based on the train of Element or E</i>
			<i>Characteristic</i>
291	Composition if applied to <i>words</i> , synthesis if applied to <i>sentences</i>	1	<b>Isolated sound, phonemes</b>
		11	Vowel
3	<b>Function, syntax</b>	111	Back
301	Number	115	Mixed
302	Gender	118	Front
303	Case		
304	Degrees of comparison		<i>Common subdivisions for 11 and its subdivisions</i>
		01	Close
305	Person	03	Half close
306	Mood	05	Half open
307	Tense	07	Open
31	Function by accent	08	Nasal
		13	Diphthongs
<b>33</b>	<b>Analysis</b>	15	Consonants
331	Subject	151	Glotted
332	Adjuncts to subject	152	Circular
335	Predicate		

## LINGUISTICS

153	Velar	32	<b>Adjective</b>
154	Palatal	321	Proper
155	Post-dental alveolar	322	Descriptive
156	Predental	323	Quantitative
157	Labiodental	324	Demonstrative
158	Bilabial	325	Distributive
	<i>Common subdivisions for</i>	33	Numeral
	<b>15 and its subdivisions</b>	331	Cardinal
		335	Ordinal
01	Plosive		
02	Lateral	<b>34</b>	<b>Pronoun</b>
03	Rolled	341	Personal
04	Fricative	344	Demonstrative
05	Semi-vowel	345	Relative
08	Nasal	346	Interrogative
16	Voiced consonants	<b>35</b>	<b>Verb</b>
	<i>To be subdivided as '15'</i>	351	Finite form
17	Unvoiced consonants	353	Infinitival form
	<i>To be subdivided as '15'</i>	354	Infinitive
		356	Gerund
2	<b>Syllable</b>	357	Participle
203	Formative elements, prefixes, suffixes	359	Special form
	infixes	3591	Auxiliary
		3594	Defective
27	Specific syllables	3597	Anomalous
<b>3</b>	<b>Word</b>	<b>36</b>	<b>Adverb</b>
301	Root	361	Simple
302	Stem	365	Relative
303	Compound word	366	Interrogative
305	Loan words		
<b>31</b>	<b>Noun</b>	<b>37</b>	<b>Preposition</b>
311	Concrete	371	Simple
312	Proper	372	Compound
313	Common	373	Participial
314	Class	377	Disguised
315	Collective	<b>38</b>	<b>Conjunction</b>
316	Material	381	Subordination
317	Abstract	385	Co-ordination

## LINGUISTICS

391	<b>Interjection</b>	7	<b>Pieces of composition</b>
397	Specific words		tion
4	<b>Phrases</b>		<i>To be divided by</i>
	<i>To be divided as '3'</i>		<b>Form characteristic</b>
			<i>as in O Literature</i>
5	<b>Clauses</b>	794	Anagrams
	<i>To be divided as '3'</i>	8	Punctuation
		88	Representation
6	<b>Sentences</b>	9	<b>Materials for practice, readers</b>
601	Simple		
605	Compound		<i>To be divided if necessary</i>
607	Complex		<b>by grades</b>

### Class numbers by Classic Device (illustrative) Vedic Sanskrit

P15:10Ax1	Śaunaka <i>R̥gvedaprātiśākhya</i>
P15:10A28:3x1	Yāska <i>Nirukta</i>
P15:10A28:3x12	Durgācārya <i>Ṛjvartha</i>
P15:10A28:3x14	Skandasvāmin's commentary
P15:10A28:3x15	Maheśvara's commentary
P15:10A28:3x16	Devarājajayvan's commentary
P15:10A28:4x1	<i>Nighaṇṭu</i>
P15:25Ax1	<i>Taittirīya-prātiśākhya</i>
P15:25A1x1	Vyāsa <i>Vyāsaśikṣā</i>
P15:25A1x8	Śrīvatsānka <i>Saptalakṣaṇa</i>
P15:26Ax1	Kātyāyana <i>Vājasaneyya-prātiśākhya</i>
P15:30Ax1	<i>Sāmaveda-prātiśākhya</i>
P15:30Ax2	<i>Puṣpasūtra</i>
P15:30Ax3	<i>Pañcavidhasūtra</i>
P15:40Ax1	<i>Atharvaveda-prātiśākhya</i>

### Classical Sanskrit

P15:Cx1	Panini <i>Aṣṭādhyāyī</i>
P15:Cx11	Kātyāyana or Vararuci <i>Vṛtti</i>
P15:Cx12	Patanjali <i>Mahābhāṣya</i>
P15:Cx121	Kaiyyaṭa <i>Mahābhāṣya-pradīpa</i>
P15:Cx1211	Nāgoji Bhaṭṭa or Nāgeśa Bhaṭṭa <i>Mahābhāṣya-pradīpodyota</i>



## LINGUISTICS

- P15:Cx1212 *Íśvarānanda Mahābhāṣya-pradīpavivarana*
- P15:Cx13 **Jayaditya or Vamanajayaditya Kāśikāvṛtti**
- P15:Cx131 *Haradatta Miśra Padamañjari*
- P15:Cx132 *Jinendra Kāśikāvṛtti-ṣaṅcīkā or Nyāsa*
- P15:Cx14 **Bhartrhari Dīpikā**
- P15:Cx15 **Bhattojīdikṣita Śabda-Kaustubha**
- P15:Cx151 *Bālabhaṭṭa or Vaidyanātha Pāyaguṇḍe Prabhā*
- P15:Cx16 **Bhattojīdikṣita Siddhānta Kaumudī, Laghu Kaumudī, Madhya Kaumudī**
- P15:Cx161 *Bhattojīdikṣita Manoramā, Praudha-manoramā*
- P15:Cx1611 *Harīdikṣita Śabdaratna, Laghu-śabdaratna*
- P15:Cx16111 *Bālabhaṭṭa or Vaidyanātha Pāyaguṇḍe Bhāva-prakāśikā*
- P15:Cx1612 *Kauṇḍa Bhaṭṭa Praudha-manoramā khandana*
- P15:Cx162 *Jñānendra Sarasvatī Tattva-bodhinī*
- P15:Cx163 *Nāgoji Bhaṭṭa or Nāgeśa Bhaṭṭa Śabdendu-śekhara, Laghu-śabdenduśekhara*
- P15:Cx1631 *Bālabhaṭṭa or Vaidyanātha Pāyaguṇḍe Cīdashimālā*
- P15:Cx164 *Jayakṛṣṇa Subodhinī*
- P15:Cx165 *Vāsudevadīkṣita Bālamānoramā*
- P15:Cx17 **Ramacandracārya Prakriyā kaumudī**
- P15:Cx171 *Viṭṭhalācārya Prakriyākaumudī-prasāda*
- P15:Cx172 *Jayanta Tattvacandra*
- P15:Cx19 **Paribhasas**
- P15:Cx191 *Śīradeva Paribhāṣāvṛtti*
- P15:Cx192 *Bhāskara Bhaṭṭa Laghu-paribhāṣā-vṛtti*
- P15:Cx193 *Paribhāṣārtha-saṃgraha*
- P15:Cx1931 *Svayamprakāśānanda Candrikā*
- P15:Cx194 *Nāgoji Bhaṭṭa or Nāgeśa Bhaṭṭa Paribhāṣendu-śekhara*
- P15:Cx1941 *Bālabhaṭṭa or Vaidyanātha Pāyaguṇḍe Paribhāṣendu-śekhara-kaūśika*
- P15:Cx195 *Nīlakaṇṭhadīkṣita Paribhāṣā-vṛtti*
- P15:Cx1E00 *Dharmakīrti Rāpāvatāra*
- P15:Cx1F90 *Puruṣottamadeva Bhāṣā-vṛtti*
- P15:Cx1K10 *Annambhaṭṭa Vyākaraṇamitākṣara*
- P15:Cx1M40 *Orambhaṭṭa Vyākaraṇadīpikā*

## LINGUISTICS

- P15:Cx2** Candragomin *Candra-vyākaraṇa*  
**P15:Cx21** Candragomin *Candra-vṛtti*  
**P15:Cx25** Kāśyapa *Bālāvabodha*
- P15:Cx3** Jainendra or Indra or Devanandi or Pujya-  
 padaswami *Jainendra-vyākaraṇa*  
**P15:Cx31** Devanandi *Mahāvṛtti*  
**P15:Cx32** Somadeva *Śabdārṇava Candrikā*  
**P15:Cx33** Abhayanandi *Mahāvṛtti*  
**P15:Cx34** Śrutakīrti *Pañcavastu*
- P15:Cx4** Sakatayana *Sabdānuśāsana*  
**P15:Cx41** Śākaṭāyana *Amoghavṛtti*  
**P15:Cx42** Prabhacandrācārya *Nyāsa*  
**P15:Cx43** Yaśasvarma *Cintāmaṇi*  
**P15:Cx431** Ajitasenācārya *Maṇiprakāśikā*  
**P15:Cx432** Maṅgarāsa *Cintāmaṇi-pratipada*  
**P15:Cx433** Sāmantabhadra *Tippanī*  
**P15:Cx435** Abhayacandrācārya *Prakriyā-saṅgraha*  
**P15:Cx436** Dayapāla *Rūpasiddhi*
- P15:Cx5** Hemacandra *Sabdānuśāsana*  
**P15:Cx51** Hemacandra *Sabdānuśāsana-brhadvṛtti*  
**P15:Cx511** *Nyāsa*  
**P15:Cx512** *Ḍhūndhikā* or *Brhadvṛtti*  
**P15:Cx513** Devendrasūri *Haimalaghu-nyāsa*  
**P15:Cx514** *Śabdamaḥārṇava-nyāsa*  
**P15:Cx55** Vinayavijayaṅgaṇi *Haimalaghu-prakriyā*  
**P15:Cx551** Vimalavijayaṅgaṇi *Haimaprakāśa*  
**P15:Cx56** Meghavijaya *Haimakaumudī, Candraprabhā*  
**P15:Cx57** Puṅyasundaraṅgaṇi's commentary
- P15:Cx59** Paribhasas  
**P15:Cx591** Hemahamsavijayaṅgaṇi's commentary  
**P15:Cx5911** Hemahamsavijayaṅgaṇi *Nyāyārthamañjūṣā*
- P15:Cx6** Sarvavarman *Kātantra-sūtrapāṭha*  
**P15:Cx61** Durgasimha *Kātantravṛtti*  
**P15:Cx611** Vardhamāna *Kātantravivṛtāra*  
**P15:Cx6111** Pṛthvīdhara's commentary  
**P15:Cx612** Trilocanadāsa *Kātantravṛtti-pañcīkā*  
**P15:Cx6121** Jinaprabhasūri *Jinaprabodha*

## LINGUISTICS

- P15:Cx6122 Kuśala's commentary  
 P15:Cx6123 Rāmacandra's commentary  
 P15:Cx613 Mahādeva *Sabdāsiddhi*  
 P15:Cx66 Bhaṭṭa Jagaddhara *Bālabodhini*  
 P15:Cx661 Ugrabhūti *Bālabodhini-nyāsa*  
 P15:Cx67 Chichubhaṭṭa *Laghuvr̥tti*  
**P15:Cx7 Narendracarya *Sārasvata-sūtras***  
 P15:Cx71 Anubhūtiśvarupācārya *Sārasvata-prakriyā*  
 P15:Cx711 Kuñjarāja's commentary  
 P15:Cx712 Amṛtabhāratī *Subodhikā*  
 P15:Cx713 Kṣemendra's commentary  
 P15:Cx714 Candrakīrti *Dīpikā*  
 P15:Cx715 Mādhava's commentary  
 P15:Cx716 Vāsudeva Bhaṭṭa *Sārasvatapṛakāśa*  
 P15:Cx717 Maṇḍana's commentary  
 P15:Cx718 Megharatna's commentary  
 P15:Cx71J50 Dhaneśvara's commentary  
 P15:Cx71J70 Jagannātha *Sārapradīpikā*  
 P15:Cx71J90 Kāśinātha *Sārasvatabhāṣya*  
 P15:Cx71J95 Bhaṭṭa Gopāla's commentary  
 P15:Cx71K20 Sahajakīrti *Sārasvatapṛakriyā-vārtika*  
 P15:Cx71K50 Hamsavijayagaṇi *Sabdārtha-candrikā*  
 P15:Cx71K80 Rāmabhaṭṭa *Rāmabhāṭṭi* or *Vidvat-prabodhīni*  
 P15:Cx72 Rāmacandrāśrama *Siddhānta-candrikā*  
 P15:Cx721 Lokeśakara *Tattvadīpikā*  
 P15:Cx722 Sadānandagaṇi *Subodhini*  
 P15:Cx73 Tarkatilaka Bhaṭṭācārya's commentary  
 P15:Cx74 Jinendu or Jinaratna *Siddhāntaratna*  
 P15:Cx75 Raghunātha *Laghubhāṣya*  
**P15:CxF60 Vopadeva or Bopadeva *Mugdhabodha***  
 P15:CxF605 Rāmatarkavāgīśa's commentary  
 P15:CxF609 Paribhāṣās  
 P15:CxF6091 Rāmacandra Vidyābhūṣaṇa *Paribhāṣā-vṛtti*  
 P15:CxK20 Nārāyaṇa Bhaṭṭa *Prakriyāsarvasvam*  
 P15:CxK203 *Prakāśikā*  
**P15:C:301x1 Panini *Dhātupāṭha***  
 P15:C:301x11 Maitreyarakṣita *Dhātupradīpa* or *Tantrapradīpa*

## LINGUISTICS

- P15:C:301x12 **Bhīmasena** *Commentary*  
P15:C:301x13 **Kṣīrasvāmin** *Dhātuvṛtti*  
P15:C:301x14 **Mādhavācārya** or **Sāyanācārya** *Mādhavīya-dhātuvṛtti*
- P15:C:301xF60 **Bopadeva** or **Vopadeva** *Kavikalpadruma*  
P15:C:301xF601 **Bopadeva** or **Vopadeva** *Kāmadhenu*
- P15:C:302x1** **Panini** *Gaṇapātha*  
P15:C:302x12 **Kṣīrasvāmin** *Gaṇavṛtti*  
P15:C:302x13 **Vardhamāna** *Gaṇaratnamahodadhi*
- P15:C:303x1** **Panini** *Unādi-sūtras*  
**P15:C:303x5** **Hemacandra** *Unādi-sūtras*  
P15:C:303xL70 **Bharata Mallika** *Kārakōllāsa*
- P15:C2:31x51 **Amaracandra** *Syādisamuccaya*  
P15:C2:35x51 **Guṇaratnasūri** *Kriyāratnasamuccaya*
- P15:C22x1** **Panini** *Liṅgānuśāsana*  
P15:C22x11 **Vararuci** *Liṅgaviśeṣavṛtti*  
P15:C22x13 **Vāmana** *Liṅgānuśāsana*
- P15:C22x2** **Candragomin** *Liṅgānuśāsana*  
**P15:C22x4** **Sakatayana** *Liṅgānuśāsana*  
**P15:C22x5** **Hemacandra** *Liṅgānuśāsana*  
P15:C22x51 **Śrīvallabha** *Vācanācārya Durgapada-prabodha*  
P15:C22xD50 **Harṣavardhana** *Liṅgānuśāsana*
- P15:C3x4** **Bhartrhari** *Vākya-pradīpa*  
**P15:C3x5** **Kondabhatta** *Vaiyākaraṇabhūṣana*  
P15:C3x51 **Harivallabha** *Bhūṣana-sāradarpaṇa*  
P15:C3x511 **Vaidyanātha** *Pāyaguṇḍe* or **Bālabhāṭṭa** *Laghubhūṣana-kānti*
- P15:C3x6** **Nagesa Bhatta** or **Nagoji Bhatta** *Vaiyākaraṇa-siddhānta-māñjūṣā*
- P15:C3x61 **Vaidyanātha** *Pāyaguṇḍe* or **Bālabhāṭṭa** *Kalā*
- P15:C4x1** **Amarasimha** *Amraakośa* or **Nāmalīṅgānuśāsana**  
P15:C4x11 **Kṣīrasvāmin** *Amarakośodghāṭana*  
P15:C4x12 **Sarvānanda** *Vandyaghaṭīya Tikā-sarvasva*  
P15:C4x13 **Subhūti** or **Subhūticandra** *Kāmadhenu*  
**P15:C4x14** **Bṛhaspati** or **Rāyamukata** *Padacandrikā*  
P15:C4x15 **Bhanujidikṣita** *Vyākhyā-sudhā* or **Rāmāśrami**

## LINGUISTICS

- P15:C4x16** Nārāyaṇa Śarman *Amarakośapañjikā* or *Padārthakaumudī*
- P15:C4x1F90** Maheśvara *Amaraviveka*
- P15:C4x1L90** Gurubāla-*prabodhikā*
- P15:C4x2** Yadavaprakasa *Vaijayantī*
- P15:C4x3** Mahesvara *Viśvaprakāśa*
- P15:C4x4** Sasvata *Anekārthasamuccaya*
- P15:C4x5** Halayudha *Abhidhānaratnamālā*
- P15:C4x6** Trikaṇḍasesa *Kośasamuccaya*
- P15:C4x F90** Keśavasvāmin *Nānārthārnava Saṃkṣepa*
- P15:C4x F60** Keśava *Kalpādrakośa*
- Prakrt**
- P151x2** Vararuci *Prākṛtasūtras*
- P151x21** Bhāmaha *Prākṛtaprakāśa*
- Tamil**
- P31:Ax1** Agastyar or Agattiyar
- P31:Dx1** Tolkāppianar *Tolkāppiam*
- P31:Dx101** *Ezhuttadhikāram*
- P31:Dx103** *Solladhikāram*
- P31:Dx104** *Poruladhikāram*
- P31:Dx11** Ilampūraṇar *Commentary*
- P31:Dx12** Kallāḍanār *Commentary*
- P31:Dx13** Perāśiriyar *Commentary*
- P31:Dx14** Senāvaraiyar *Commentary*
- P31:Dx15** Naccinārkkiniyar *Commentary*
- P31:D4x1** *Adi-divākaram*
- P31:D4x11** Divākarar *Sendan-divākaram*
- P31:D4x2** Gayakarar *Gayakaram*
- P31:D4x3** Piṅgaḷar *Piṅgaḷa-nighaṇṭu*
- P31:D4x4** Aṇḍippulavar *Āśīria-nighaṇṭu*
- P31:D4x5** Maṇḍalapuruḍar or Vīra Maṇḍalavar *Cūḍāmaṇi-nighaṇṭu*
- P31:Jx1** Pavanandi Munivar *Nannūl*
- P31:Jx11** Mayilaināthar *Urai*
- P31:Jx12** *Nannūl-āśīriya-virutti*
- P31:Jx13** Subrahmaṇya Dīkṣitar *Prayoga-vivekam*
- P31:Jx14** Swāminātha Deśīkar *Ilakkaṇakkottu*

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- P31:Jx15 Sankaranamassivāyar *Urai*  
 P31:Jx18 Narkavi Rājanambī *Ahapporul-vilakkam*  
 P31:JxK40 Vaidyanātha Deśikar *Ilakkana-vilakkam*  
 P31:J4xJ96 Cidambararevaṇa Siddhar *Akarādi-nighaṇṭu*  
 P31:J4xL95 Subrahmaṇya Bhārati *Poruṭṭogai-nighaṇṭu*  
 P31:J4xM00 Muttuswami Pillai *Nānārthadīpikai*
- Kanarese**
- P33:E4x1 Nāgavarma *Abhidhāna-vastukōśa*  
 P33:E4xH50 *Karṇāṭaka Sabdasāra*
- Telugu**
- P35:Ex1 Nannayabhaṭṭācārya *Āndhra-śabda-cintāmaṇi*  
 P35:Ex11 Ahobalapandita *Ahobalapandītyamu* or  
*Kaviśirobhūṣaṇamu*  
 P35:Ex12 Narasiṃharāja Siṃhudu Balārisiṃha *Kavijanāñ-  
 janamu*  
 P35:Ex13 Appakavi *Appakavīyamu*  
 P35:Ex17 Bālasaraswati *Bālasarasvatīyamu*  
 P35:Ex18 Rāmaśāstry *Udyotinī*  
 P35:Ex2 Ātharvaṇācārya *Atharvaṇa-kārikāvālī*  
 P35:Ex3 Ketanakavi *Āndhra-bhāṣā-bhūṣaṇamu*  
 P35:Ex4 Peddanna *Kāvyaḷaṅkāra-cūḍāmaṇi*  
 P35:Ex5 Timmaya *Sarvalakṣaṇa-sārasaṅgrahamu*  
 P35:Ex6 Sūrakavi or Sūraya (Aḍidamu) *Kavi-śamsaya-  
 vicchedamu*  
 P35:ExM60 Cinnaya Sūri (Paravastu) *Bāla-vyākaraṇamu*  
 P35:ExM601 Saṅkara Raṅgayya and Venkaṭarāma Śāstri  
 (Kalluri) *Bālavvyākaraṇa-guṭṭārtha-prakā-  
 śikā*  
 P35:E4x1 Lakṣmaṇuḍu (Paiḍipāṭi) *Āndhra-nāma-saṅgra-  
 hamu*  
 P35E4x2 Kāstūri Raṅgayya *Sāmba-nighaṇṭu*  
 P35E4x3 Venkanna (Koti) *Āndhra-bhāṣārṇavamamu*  
 P35E4x6 Sūraya (Aḍidamu) *Āndhra-nāma-Śeṣamu*

## Q RELIGION

Q [R]: [P]

<i>Divisions based on the train of</i>	2212	Madhvas
<b>Religion or R</b>	2215	Rādhaits
<i>Characteristic</i>	22151	Viṣṇuswāmins
<b>1 Hinduism (Vedic)</b>	22152	Nimbārkas
<b>11 Rgvedic</b>	2216	Caitanyas
111 Aitareyins	222	Pāñcarātra
112 Kauṣītakins	2221	Śrī Vaiṣṇava
<b>12 Yajur Vedic</b>	22211	Vadagalaīs
121 Black Yajur Vedic	22212	Tengalaīs
122 Kāthakas	2222	Manbhāu
123 Kāpiṣṭhala Kaṭhas	223	Nārasimhas
124 Maitrāyaṇīyas	224	Rāmas
125 Taittirīyas	<b>23</b>	<b>Saivism</b>
126 White Yajur Vedic	231	Pāśupatas
or Vājasaneyins	2311	Lakuliṣa-pāśupatas
127 Mādhyandina	2312	Kāpālikas
128 Kāṇva	2313	Gorakṣanāthis
<b>13 Sama Vedic</b>	2315	Nāthas
131 Tāṇḍins	2316	Raseśvaras
132 Talavakāras or Jai-	232	Āgamic Śaivism
minīyas	233	Kāṣmīr Śaivism
133 Rāṇāyaṇīya	234	Vīraśaivism
<b>14 Atharva Vedic</b>	<b>24</b>	<b>Ganapatyism</b>
141 Śaunakīya	<b>25</b>	<b>Saktaism</b>
142 Paippalāda	251	Right handed
<b>2 Hinduism (P o s t</b>	255	Left handed
<b>Vedic)</b>	256	Kaulācārins
<b>21 Smartaism</b>	<b>26</b>	<b>Sanmukhaism</b>
<b>22 Vaisnavism</b>	<b>28</b>	<b>Sauraim</b>
<b>221 Bhāgavatas</b>	<b>29</b>	<b>Others</b>

## RELIGION

298	Hanumatseva	43	<b>Lamaism. Maha-</b>
2998	Village god-worshipers		<b>yana (Tibet)</b>
	<i>Other post vedic religions</i>	44	<b>Mahayana (China)</b>
	<i>to be divided by the</i>	441	Ch'an
	<i>Chronological Device</i>	442	Chiao-men
	<i>(Illustrative)</i>	443	Lu
29J44	Sāds	444	T'ien t'ai
29M28	Rramo Samāj	445	Hsien shou or
29M75	Ārya Samāj		Hua yen
<b>3</b>	<b>Jainism</b>	446	Tz'u en or Fa
<b>31</b>	<b>Svetambaras</b>		Hsiang
311	Pujeras	448	Ching t'u
312	Dhūndias	<b>45</b>	<b>Mahayana (Japan)</b>
313	Terapanthis	451	Hosso
<b>32</b>	<b>Digambaras</b>	452	Sanron
321	Bispanthis	453	Kegon
323	Terapanthis	454	Tendai
324	Samaiyapanthis	455	Jodo
325	Gumanpanthis	456	Shin
326	Totapanthis	457	Nichiren
<b>4</b>	<b>Buddhism</b>	458	Shingon
<b>41</b>	<b>Hinayana</b>	4596	Zen
411	Mahāsāṅghikas	<b>5</b>	<b>Judaism</b>
412	Mahīśāsakas	51	Palestine
413	Lokottaravādins	52	Babylonian
414	Sarvāstivādins	58	Zionist
415	Mūlasarvāstivādins		
416	Dharmaguptas	<b>6</b>	<b>Christianity</b>
417	Sammitiyas	61	Early churches
<b>4182</b>	<b>Hinayana Sects</b>	611	Greek
	<b>of Japan</b>	613	Armenian
		618	Russian
41821	Kusha	62	Roman Catholic
41822	Pitsu	63	Protestant
41823	Jojitsu	64	Presbyterian
<b>42</b>	<b>Mahayana (Indian</b>	65	Puritan
	<b>and general)</b>	66	Quakers



## RELIGION

68	<i>Others by the Chronological Device</i> ( <i>Illustrative</i> )	QM75	Theosophy <i>Divisions based on Problem or P Characteristic</i>
68L4	New Church		
68L6	Methodists	1	<b>Mythology, etc.</b>
68M6	Christian Science	2	<b>Scripture</b>
		25	Sayings
7	<b>Muhammadanism</b>	26	Traditions
71	Sunnis		<i>Subdivisions for Religion Division</i>
711	Heneifi		<b>'1 Hinduism (Vedic)'</b>
712	Shafi'l		
713	Maliki	21	Samhitās
714	Henbeli	22	Brāhmaṇas
72	Shi'ahs	23	Āraṇyakas
73	Mu'tazilites	24	Upaniṣads
77	Wahābis		<i>Subdivisions for Religion Division</i>
78	<i>Others by the Chronological Device</i> ( <i>Illustrative</i> )		<b>'2 Hinduism (Post-vedic)'</b>
		21	Relevant selections from the Vedas
78M5	Bahaism		
78M9	Ahamadiyas	22	Relevant selections from Purāṇas
8	<b>Other Religions</b>	23	Samhitās, āgamas, tantras
	<i>Divided by the Geographical Device and Favoured Category Device</i> ( <i>Illustrative</i> )	24	Upaniṣads
		3	<b>Theology</b>
8411	Preconfucianism	31	God
8412	Confucianism	311	<i>Avasara</i>
8413	Lao-Tseism. Taoism	315	<i>Avatāra</i>
8421	Shintoism	32	Angels, devils, etc.
8441	Sikhism	324	<i>N a v a g r a h a s</i> (Planets)
8451	Zoroastrianism		Founders of religion
8452	Manichaeism	33	Consecrated saints
	<b>Universal religions</b>	332	Man, soul
	<i>To be individualised by the Chronological Device</i> ( <i>Illustrative</i> )	34	Salvation
		35	Predestination
		351	

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352	Freedom, free-will	419	Other topics
353	Faith	4192	Rituals
354	Repentance	4193	Gifts
355	Regeneration	4194	Appeasement
356	Grace	4195	Expiation
36	Eschatology	4196	Devotion
361	Death	4198	Pilgrimage
362	Intermediate state	42	<b>Sacraments</b> ( <i>Gṛh-</i> <i>yasūtrās</i> in Vedic religion)
363	Judgment		Baptism
364	Heaven	423	Confirmation
365	Hell	426	Marriage
366	Rebirth	427	Obsequies
367	Eternity	428	Pollution
368	Immortality	4284	Anniversary rites
369	Other topics	4288	<i>Satī</i>
37	Universe	42891	Other topics
38	<i>Sthala</i> (local) <i>purānas</i>	429	Holy days
39	Other topics	43	Fasts
396	Revelation	433	Vigils
4	<b>Religious practices</b> ( <i>Kalpasūtrās</i> in Vedic religion)	437	Didactics ( <i>Dharma-</i> <i>sūtrās</i> in Vedic religion)
41	<b>Personal</b>	44	Monkhood
411	Initiatory	447	Penance
412	Meditative	448	Public worship
413	Evangelistic	45	Ecclesiology
414	Worship	451	Consecration
4146	Prayer	452	Worship
415	Symbolism	454	Sacred furniture
416	Sacred furniture ( <i>Sulvasūtras</i> in Vedic religion)	456	Festivals
		457	Temple priests
		458	<i>Gotrapravara</i> in Vedic religion
417	Hymns	46	Other topics
4173	<i>Nāmāvalī</i>	49	Sacrifices
418	Sacred formulæ, in- cantations	494	Holy waters
		495	

## RELIGION

<b>5</b>	<b>Preaching, etc.</b>	<b>Q1 Hinduism (Vedic)</b>
51	Preaching	<i>Samhitās</i>
52	Sermons	
53	Pastoral visitations	Q125 :214 Ekāgnikāṇḍa,
57	Societies for parish work	Mantrapraśna, Mantrapāṭha
		Q131 :211 Arcika
<b>6</b>	<b>Religious institutions</b>	Q131 :212 Āraṇyaka
		Q131 :213 Uttarārcika
61	Religion and its relation to other institutions	Q131 :214 Stobha Q131 :215 Veyagāna Q131 :216 Araṇyagāna Q131 :217 Ūhagāna Q131 :218 Rahasyagāna
62	Ecclesiastical polity	
621	Clergy	<i>Brāhmaṇas</i>
6211	Apostolic succession	
6212	Papacy	Q112 :22 Sāṅkhāyana
6213	Episcopate	Q127 :22 Śatapatha
6214	Lay ministry	
65	Missions	Q131 :23 Sāmavidhāna
67	Monastic orders	Q131 :221 Pancavimśa
68	Religious associations	Q .31 :222 Śaḍvimśa Q131 :224 Ārṣeya Q131 :225 Chāndogya Q131 :226 Devatādhyāya
681	Religious societies for men and women	Q14 :22 Gōpatha
6811	Societies for men	<i>Upaniṣads</i>
6815	Societies for women	Q125 :25 Nārāyaṇa, Yājñik
682	Other topics	Q125 :26 Svetāśvatara
<b>7</b>	<b>Religious sects</b>	Q127 :24 Bṛhadāraṇyaka
<b>8</b>	<b>Heresies and persecutions</b>	Q127 :25 Īśāvāsya Q131 :24 Chāndogya Q132 :24 Kena
	<b>Sacred Books</b>	
	<i>with special names</i>	Q141 :24 Praśna
	<b>and Classics</b>	Q141 :25 Muṇḍaka
	<i>(Illustrative)</i>	Q141 :26 Māṇḍukya

## RELÍGION

<i>Kalpāsūtras</i>	<b>Q2</b> Hinduism (Post Vedic) <i>Dharma Śāstrās</i>
Q11 :4x11 Āśvalāyana	<b>Q2:4x1</b> <b>Manu</b>
Q112:4x2 Śāṅkhāyana	Q2:4x11 Medhātithi
Q124:4x1 Mānava	Q2:4x12 Kullūkabhaṭṭa
Q124:4x2 Kāṭhaka	Q2:4x13 Govindarāja
Q124:4x3 Varāha	Q2:4x14 Nandana
Q125:4x1 Baudhāyana	Q2:4x15 Sarvajña Nārā- yaṇa
Q125:4x2 Āpastamba	Q2:4x16 Nārāyaṇa
Q125:4x3 Bhāradvāja	Q2:4x17 Rāghavendra
Q125:4x4 Hiranyakeśin	Q2:4x18 Rāmacandra
Q125:4x5 Vādhūla	<b>Q2:4x2</b> <b>Yajñavalkya</b>
Q126:4x6 Vaikhānasa	Q2:4x21 Viśvarūpa
Q127:4x1 Kātyāyana	Q2:4x22 Mitākṣara
Q127:4x2 Pāraskara	Q2:4x221 Subodhinī
Q131:4x1 Māṣaka	Q2:4x222 Pramitākṣara
Q131:4x2 Lāṭyāyana	Q2:4x223 Bālambhaṭṭī
Q131:4x3 Gobhila	Q2:4x23 Aparārka or Apa- rāditya
Q131:4x5 Chāndogya	Q2:4x24 Śūlapāṇi
Q132:4x1 Jaiminīya	Q2:4x25 Mitramiśra
Q133:4x2 Drāhyāyaṇa	Q2:4x3 Vāsiṣṭha
Q133:4x3 Khādīra	Q2:4x4 Parāśara
Q133:4x5 Gautama	Q2:4x5 Nārada
Q141:4x1 Kauśika	Q2:4x6 Hārīta
Q141:4x2 Vaitāna	Q2:4x7 Viṣṇu
Q2:4xH80	Q2:4xD75 Asahāya
Q2:4xK26	Vidyākara Vājapeyi <i>Nityācārapaddhati</i>
Q2:4xL50	Kamalākara Bhaṭṭa <i>Nirṇayasindhu</i>
	Kāśinātha <i>Dharmasindhu</i>
	<i>Digests</i>
Q2:4zx6	Gopinātha <i>Samskāraratnamālā</i>
Q2:4zxF50	Devana Bhaṭṭa <i>Smṛticandrikā</i>
Q2:4zxI50	Narasimha Vājapeyi <i>Nityācārapradīpa</i>
Q2:4zxJ20	Raghunātha <i>Smṛtitattva</i>
Q2:4zxJ30	Viśwambhara Tṛpāthi <i>Smṛtisāroddhāra</i>

## RELIGION

- Q2:4zxK20 Mitra Miśra *Vīramitrodaya*  
 Q2:4zxK70 Ratnākara *Jayasimha kalpadruma*  
 Q2:4zxL25 Ananta Bhaṭṭa *Vidhōnapārijāta*  
 Q2:41zxG60 Hemādri *Caturvargacintāmaṇi*  
 Q2:41zxI60 Gadādhara *Gadādhara paddhati*  
 Q2:41zxK30 Vaidyanātha Dikṣita *Smṛtimuktāphala*  
 Q2:4193zxJ40 Govindānanda *Dānakriyākaumudī*  
 Q2:4193zxJ61 Bhaṭṭa Nilakaṇṭha *Dānamayūkha*  
 Q2:4195zxJ50 Nāgeśa Bhaṭṭa *Vrātya prāyaścitta nirnaya*  
 Q2:4195zxK60 Nāgoji Bhaṭṭa *Prāyaścittenduśekhara*  
 Q2:4198zxJ80 Bhaṭṭoji Dikṣita *Tristhalīsetu*  
 Q2:4198zxH30 Vācaspati Miśra *Tirtha cintāmaṇi*  
 Q2:4198zx82 Dalapati Rāja *Nṛsimhaprasāda tīrthasāra*  
 Q2:42zxE55 Śrīdharācārya *Smṛtyarīhasāra*  
 Q2:42zxII25 Caṇḍeswara Ṭhakūra *Gṛhastha ratnākara*  
 Q2:42zxH75 Madanapāla *Madanapārijāta*  
 Q2:42zxJ61 Śankara Bhaṭṭa *Samskāra mayūkha*  
 Q2:428zxF70 Aniruddha Bhaṭṭa *Hāralatā*  
 Q2:428zxK80 Divākara Bhaṭṭa *Srāddha candrikā*  
 Q2:4284zxI96 Ādityācārya *Ṣaḍaṣīti*  
 Q2:4284zxL20 Bhaṭṭa Raghunātha *Tṛṃśacchlokī*  
 Q2:4288zxL25 Śeṣakṛṣṇa Paṇḍita *Dharmānubandhi śloka-  
 rdaṣī*  
 Q2:43zxL50 Vāsudevaratha *Smṛtiprakāśa*  
 Q2:43zxF10 Jīmūtavāhana *Kālaviveka*  
 Q2:45zxI26 Nārāyaṇa *Tantrasamuccaya*  
**Q21 Smarṭaism** Q21:224 Vāmana  
*Relevant Selections* Q21:225 Brahmāṇḍa  
*from Vedas* Q21:2251 Adhyātma Rāmā-  
 yaṇa  
 Q21:21x1 Puruṣasūktam Q21:2252 Rāma gītā  
*Purāṇas* Q21:226 Yogavāsiṣṭha Rā-  
 māyaṇa, Jñāna-  
 vāsiṣṭha  
 Q21:221 Brahma Q21:227 Ānandarāmāyaṇa  
 Q21:222 Mārkaṇḍeya Q21:228 Adbhubtarāmāyaṇa  
 Q21:223 Bhaviṣya  
 Q21:2231 Bhaviṣyottara

## RELIGION

<p><b>Q22 Vaisnavism</b>  <i>Devotees</i>            Q22wx1:1 Mahīpati <i>Bhaktavijaya</i>            Q22wx1:2 Mahīpati <i>Bhaktalīlāmṛta</i>            Q22wx2 Candradatta  <i>Bhaktamālā</i>  <i>Purānas</i>            Q22:221 Padma            Q22:2211 Śiva gītā</p>	<p>Q22:222 Viṣṇu            Q22:223 Bhāgavata            Q22:224 Nārada            Q22:2241 Nārada-upapurāṇa            Q22:225 Brahmavaivarta            Q22:226 Varāha            Q22:227 Garuḍa            Q22:2271 Viṣṇudharmottara            Q22:228 Harivamśa            Q22:2291 Kalki            Q22:2292 Narasimha            Q22:2293 Bhārgava</p>
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### *Hymns*

<p><b>Q22:417x1 Nalayira divya prabandham</b>            Q22:417x1 First thousand            Q22:417x1:11 Tiruppallāṇḍu (Periyāzhvār)            Q22:417x1:12 Tirunozhi (Periyāzhvār)            Q22:417x1:13 Tiruppāvai (Āṇḍāl)            Q22:417x1:14 Nācchiyār tirumozhi (Āṇḍāl)            Q22:417x1:15 Perumāl tirumozhi (Kulaśekhara Āzhvār)            Q22:417x1:16 Tiruchanda viruttam (Tirumazhiśai Āzhvār)            Q22:417x1:17 Tirumalai (Toṇḍaraḍippoḍi Āzhvār)            Q22:417x1:18 Tiruppalliezhucci (Toṇḍaraḍippoḍi Āzhvār)            Q22:417x1:191 Amalanāḍippirān (Tiruppāṇāzhvār)            Q22:417x1:192 Kaṇṇinuṇ śiruttāmbu (Madurakaviyāzhvār)            Q22:417x1:2 Second thousand            Q22:417x1:21 Periyatirumozhi (Tirumangai Āzhvār)            Q22:417x1:22 Tirukkuruntāṇḍagam (Tirumangai Āzhvār)            Q22:417x1:23 Tiruneḍuntāṇḍagam (Tirumangai Āzhvār)            Q22:417x1:3 Third thousand            Q22:417x1:31 Mudaltiruvandādi (Poigai Āzhvār)            Q22:417x1:32 Iraṇḍāntiruvandādi (Pūḍattāzhvār)            Q22:417x1:33 Mūnrāntiruvandādi (Pēyāzhvār)            Q22:417x1:34 Nānmugantiruvandādi (Tirumazhisai Āzhvār)            Q22:417x1:35 Tiruviruttam (Nammāzhvār)            Q22:417x1:36 Tiruvāsiriyam (Nammāzhvār)            Q22:417x1:37 Periyatiruvandādi (Nammāzhvār)</p>	
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## RELIGION

- Q22:417x1:38 Tiruvezhukūṟṟirukkai (Tirumaṅgai Āzhvār)  
 Q22:417x1:391 Śiriyatirumaḍal (Tirumaṅgai Āzhvār)  
 Q22:417x1:392 Periyatirumaḍal (Tirumaṅgai Āzhvār)
- Q22:417x1:4 Fourth thousand  
 Q22:417x1:41 Tiruvāymozhi (Nammāzhvār)  
 Q22:417x1:42 Irāmānuśa *Nūṟṟandādi*

### *Nāmāvali*

- Q22:4173x1 *Viṣṇu sahasranāma*  
 Q22:4173x11 *Śaṅkara Commentary*

<b>Q22</b>	<b>Pancaratra</b>	Q23:223	Linga
	<i>Samhitās</i>	Q23:224	Gaṇeśa
Q222:231	Pauṣkara	Q23:2244	Gaṇeśagītā
Q222:232	Sāttvata	Q23:225	Matsya
Q222:233	Ahīrbudhnya	Q23:226	Skanda
Q222:234	Jaya	Q23:2261	Sūtasamhitā
Q222:235	Padma	Q23:2262	Brahmagīta
Q222:236	Parameśwara	Q23:227	Kūrma
Q222:237	Iśwara	Q23:2271	Iśwaragita
Q222:2391	Brahma	Q23:228	Saura
Q222:2392	Nārada	Q23:2291	Śiva
Q222:23921	Brhadbrahma		
Q222:2393	Ānanda		<i>Hymns</i>

<b>Q23</b>	<b>Saivism</b>	Q23:417x1	Tevāram
	<i>Devotees</i>	Q23:417x2	Sambandar
Q23wx1	Śekkiḥār <i>Periya-purānam</i>	Q23:417x3	Appar
		Q23:417x4	Sundarar
		Q23:417x5	Māṅikavācagar
	<i>Relevant selections from the Vedas</i>	Q23:417x6	Tiruvisaippā
		Q23:417x7	Tiruppallāṅḍu
Q23:21x1	Rudra	Q23:417x8	Tirumūlar <i>Tiru- mandiram</i>
Q23:21x2	Camaka		
	<i>Purānas</i>	Q23:417x91	Eleventh Tiru- murai (Padino- rantirumurai)
Q23:221	Vāyu		
Q23:222	Agni		

## RELIGION

<b>Q232</b>	<b>Agamic Saivism</b>	<b>Q232:2352</b>	<b>Para (Pārahita, Vātula)</b>
	<i>Āgamas</i>	<b>Q233</b>	<b>Kasmīr Saivism</b>
Q232:2311	Kāmika	Q233:231	Mālinīvijaya
Q232:2312	Yogaja	Q233:2311	Abhinavagupta <i>Vārttika</i>
Q232:2313	Cintya	Q233:232	Svacchanda
Q232:2314	Kāraṇa	Q233:2321	<i>Uddyota</i>
Q232:2315	Ajita	Q233:233	Vijñāna Bhairava
Q232:2316	Dipta	Q233:234	Ucchūṣma Bhairava
Q232:2317	Sūkṣma	Q233:235	Ananda Bhairava
Q232:2318	Sahasraka	Q233:236	Mrgendra
Q232:2321	Amśumān	Q233:237	Mataṅga
Q232:2322	Suprabhā	Q233:2371	<i>Vṛtti</i>
Q232:2331	Vijaya	Q233:238	Śiva sūtra
Q232:2332	Niśvāsa	Q233:2381	<i>Vṛtti</i>
Q232:2333	Svāyambhuva	Q233:2382	Bhāskara <i>Vārttika</i>
Q232:2334	Āgneyaka (Āgneya, Anala, Anila)	Q233:2385	Kṣemarāja <i>Vimarśinī</i>
Q232:2335	Bhadra (Vīra)	Q233:2391	Netra
Q232:2336	Raurava	Q233:2392	Naiśvāsa
Q232:2337	Mākuṭa	Q233:2393	Svāyambhuva
Q232:2338	Vimala	Q233:2394	Rudra-yāmala
Q232:2341	Candrahāsa (Candrajñāna)	Q233:2395	Spanda sūtra (Spanda kārikā)
Q232:2342	Mukhayugbimba (Bimba)	Q233:23951	Kallaṭa <i>Vṛtti</i> (Spanda Sarvasva)
Q232:2343	Udgīta (Prodi- gīta)	Q233:23952	Rāmakantha <i>Vṛtti</i>
Q232:2344	Laṭita	Q233:23953	Utpala II <i>Pradīpikā</i>
Q232:2345	Siddha		
Q232:2346	Santāna		
Q232:2347	Nārasimha (Sar- vokta, Sarvot- tara)		
Q232:2348	Parameśvara		
Q232:2351	Kiraṇa		



## RELIGION

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| <p>Q233:23954 Kṣemarāja<br/><i>Spandasandoha</i></p> <p>Q233:23955 Kṣemarāja<br/><i>Spanda Nir-<br/>ṇaya</i></p> <p>Q234 Virasaivism<br/>Q234xK50 Prabhulingalīla<br/>Q234:22 Padmarājapurā-<br/>ṇam</p> <p>Q25 Saktivism<br/>Q25x1 Śaṅkara <i>Saun-<br/>daryalahari</i><br/>Q25x11 Lakṣmīdhara's<br/><i>commentary</i></p> <p><i>Relevant selections from the<br/>Vedas</i></p> <p>Q25:21x5 Śrisūktam<br/>Q25:21x6 Durgā sūktam<br/><i>Purānas</i></p> <p>Q25:221 Devī-bhāga-<br/>vata</p> <p>Q25:222 Bṛhaddharma</p> <p>Q25:223 Kālikā</p> <p>Q25:225 Lalitopākha-<br/>yāna</p> <p>Q25:2291 Devi māt-<br/>mya</p> <p>Q25:4x1 Mahīdhara<br/><i>Mantramaho-<br/>dadhi</i></p> <p>Q25:4173x1 Lalitā Sahas-<br/>ranāma</p> <p>Q25:4173x11 Bhāskara<br/><i>Commentary</i></p> <p>Q26 Sanmukhaism<br/>Q26:417xI50 Aruṇagirināthar<br/><i>Tiruppugazh</i></p> | <p>Q28 Saurasim<br/><i>Purānas</i></p> <p>Q28:221 Āditya</p> <p>Q28:223 Sāmba</p> <p>Q3 Jainism</p> <p>Q31 Swetambaras<br/>Q31y5x1 Śubhaviṇyagaṇi<br/>Praśnaratnā-<br/>kara</p> <p>Q31:21 Canonical works</p> <p>Q31:211 Angas<br/>Q31:21111 Ācāra (Āyāra)<br/>Q31:21112 Sūtrakṛita (Suya-<br/>gaḍa)</p> <p>Q31:21113 Sthāna (Thāna)</p> <p>Q31:21114 Samavāya</p> <p>Q31:21115 Bhagavatī</p> <p>Q31:21116 Jñāta dharma-<br/>kathā (Nāya-<br/>dhammakahā</p> <p>Q31:21117 Upāśaka daśā<br/>(Uvāsagadasāo)</p> <p>Q31:21118 Antakṛtadaśā<br/>(Antagada-<br/>dasāo)</p> <p>Q31:21121 Anuttaraupa-<br/>pātikadaśā<br/>(Anuttarova<br/>vāiyadasāo)</p> <p>Q31:21122 Praśnavyākaraṇa<br/>(Pamhāvāga-<br/>raṇa)</p> <p>Q31:21123 Vipāka (Vivāga)</p> <p>Q31:21124 Dṛṣṭivāda</p> <p>Q31:212 Upangas<br/>Q31:2121 Aupātika<br/>(Ovāiya)</p> |
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## RELIGION

- Q31 :21212 Rājaprasāniya  
(Rāyapaseṇaiya)
- Q31 :21213 Jivābhigama
- Q31 :21214 P r a j ṇ ā p a n ā  
(Paṇṇavaṇā)
- Q31 :21215 Sūryaprajñapti  
(Sūriyapaṇṇatti)
- Q31 :21216 Jambūdvīpa praj-  
ñapti (Jambud-  
dīvapaṇṇatti)
- Q31 :21217 Candraprajñapti  
(Candapannati)
- Q31 :21218 N i r a y ā v a l i  
(Nirayāvaliyāo)  
or K a l p i k a  
(Kappiyāo)
- Q31 :21221 Kalpāvataṃśikā  
(Kappavadim̃  
siāo)
- Q31 :21222 Puṣṭikā (Pupphi-  
yāo)
- Q31 :21223 P u ṣ p a c ū ḍ ā  
(Pupphacūlao)
- Q31 :21224 V ṛ ṣ ṇ i d a ś ā  
(Vāṇhidasāo)
- Q31 :213 P r a k i r ṇ a s  
(P a i n n a or  
Payanna)
- Q31 :21311 V i r a b h a d r a  
C a t u ḥ ś a r a ṇ a  
(Causaraṇa)
- Q31 :21312 Āturapratyāk-  
yāna
- Q31 :21313 Bhakta-Parijñā
- Q31 :21314 S a ṃ s t ā r a  
(Santhāra)
- Q31 :21315 Tandulavaitalika ;  
Tandulavaica-  
rika (Tandula-  
veyāliya)
- Q31 :21316 Candāviyyaya
- Q31 :21317 Devendrastava  
(Devindatthaa)
- Q31 :21318 Gaṇi t a v i d y ā  
(Gaṇivīyya)
- Q31 :21321 Mahāpratyāk-  
yāna
- Q31 :21322 Vīrastava (Vīrat-  
thaa)
- Q31 :21323 Gacchācāra pra-  
kīrṇaka
- Q31 :214 C h h e d a s u t r a s
- Q31 :2141 Nīśitha
- Q31 :2142 Maha Nīśitha
- Q31 :2143 Vyavahāra
- Q31 :2144 Ācaradaśāh or  
Daśāśrutaskan-  
dha or Dasāh  
kappavahar
- Q31 :2145 Bṛihatkalpa
- Q31 :2146 Pañcakalpa
- Q31 :215 Nandi and Anu-  
yogadvāra
- Q31 :2151 Nandi sūtras
- Q31 :2152 Anuyogadvāra
- Q31 :216 Mulasutras
- Q31 :2161 Uttarāddhyayana
- Q31 :2162 Āvaśyaka
- Q31 :2163 Daśavaik ā l i k a,  
Dasaveyāliya
- Q31 :2164 Piṇḍaniryukti
- Q31 :2167 Oghaniryukti

## RELIGION

- Q31:4x6 *Srāddhapratikramaṇa Sūtram*      Q41:2122 *Cuḷlavagga*  
 Q31:41x3:11 Hari bhadrā      Q41:2123 *Parivāra*  
     Sūri: *Dharmabindu Prakaraṇa*      Q41:22 *Sutta-pitaka*  
     Q41:221 *Dīgha-nikāya*  
     Q41:221:9x1 *Buddhaghosa: Sumangalavilāsini*  
 Q4 *Buddhism*      Q41:222 *Majjhima-nikāya*  
 Q41 *Hinayana*      Q41:222:9x1 *Buddhaghosa: Papancaśūdanī*  
 Q41x *General treatises*      Q41:223 *Samyutta-nikāya*  
 Q41x1 *Milindapaṇha*      Q41:223:9x1 *Buddhaghosa: Sāratthapakāsinī*  
 Q41x2 *Nettipakaraṇa*      Q41:224 *Anguttara-nikāya*  
 Q41x5 *Buddhaghosa: Visuddhimagga*      Q41:224:9x1 *Buddhaghosa: Manorathapūraṇī*  
 Q41x53 *Dhammapāla: Mahāṭika or Paramatthamanjūsā*      Q41:225 *Khuddaka-nikāya*  
 Q41x6:1 *Buddhadatta: Abhidhammavāṭāra*      Q41:225:9x1 *Buddhaghosa: Khuddakanikāyatthakathā*  
 Q41x6:2 *Buddhadatta: Rūpārūpavibhāga*      Q41:22511 *Khuddaka-Pāṭha*  
 Q41x6:3 *Buddhadatta: Vinaya-Vinīcaya*      Q41:22511:9x1 *Buddhaghosa: Paramattha Jotikā*  
 Q41:2 *Sacred books (Tripitakas)*      Q41:22512 *Dhammapada*  
 Q41:21 *Vinaya-pitaka*      Q41:22512:9x1 *Buddhaghosa: Dhammapadaṭṭhakathā*  
 Q41:21:9x1 *Buddhaghosa: Sāmantapāsādikā*      Q41:22513 *Udāna*  
 Q41:211 *Suttavibhanga*      Q41:22513:9x3 *Dhammapāla: Paramatthadīpanī*  
 Q41:2111 *Pārājika*  
 Q41:2112 *Pācittiya*  
 Q41:212 *Khaṇḍakās*  
 Q41:2121 *Mahāvagga*

## RELIGION

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|--|--|
| <p>Q41 :22514 Itivuttaka<br/>           Q41 :22514:9x3 Dhammapāla:<br/> <i>Itivuttakat-<br/>           thakathā</i><br/>           Q41 :22515 Suttanipāta<br/>           Q41 :22515 :9x1 Buddhaghosa:<br/> <i>Paramatta-<br/>           jotika</i><br/>           Q41 :22516 Vimānavatthu<br/>           Q41 :22516 :9x3 Dhammapāla:<br/> <i>Paramattha-<br/>           dīpanī</i><br/>           Q41 :22517 Petavatthu<br/>           Q41 :22517 :9x3 Dhammapāla:<br/> <i>Paramattha-<br/>           dīpanī</i><br/>           Q41 :22518 Theragathā<br/>           Q41 :22521 Therīgāthā<br/>           Q41 :22522 Jātakas<br/>           Q41 :22523 Niddeśa<br/>           Q41 :22523 :9x7 <i>Saddhamma-<br/>           pajjotikā</i><br/>           Q41 :22524 Paṭisambhida-<br/>           magga<br/>           Q41 :22525 Apadāna<br/>           Q41 :22526 Buddhavaṃśa<br/>           Q41 :22527 Cariyāpiṭakā<br/>           Q41 :23 <b>Abhidhamma-<br/>           pitaka</b><br/>           Q41 :231 Dhammasaṅgaṇī<br/>           Q41 :231 :9x1 Buddhaghosa :<br/> <i>Atthasālinī</i><br/>           Q41 :232 Vibhanga<br/>           Q41 :232 :9x1 Buddhaghosa :<br/> <i>Sammohavi-<br/>           nodinī</i><br/>           Q41 :233 Kathāvatthu<br/>           Q41 :234 Puggalapaññatti</p> | <p>Q41 :235 Dhātukathā<br/>           Q41 :236 Yamaka<br/>           Q41 :237 Paṭṭhāna<br/>           Q41 :6x6 Dhammakitti :<br/> <i>Dāḥāvamaṃsa</i><br/>           Q41 :6x7 <i>Thūpavamaṃsa</i><br/>           Q41 :6xE50 Upatissa : <i>Mahā-<br/>           bodhivaṃśa</i><br/>           Q41 :6xM20 Śāsanavaṃśa<br/> <b>Q42 Mahayana</b><br/>           Q42x5 <i>Saddharmaṣu-<br/>           ḍarika</i><br/>           Q42xD65 :1 Śāntideva : <i>Sik-<br/>           śāsamuccaya</i><br/>           Q42xD65 :2 Śāntideva : <i>Bo-<br/>           dhicaryāvatāra</i><br/> <b>Q5 Judaism</b><br/>           Q5 :221 Seder Zeraim<br/>           Q5 :222 Seder Moed<br/>           Q5 :223 Seder Nashim<br/>           Q5 :224 Seder Nezikin<br/>           Q5 :22411 Baba Kamma<br/>           Q5 :22412 Baba Mezia<br/>           Q5 :22413 Baba Battra<br/>           Q5 :225 Kodashim<br/>           Q5 :226 Tabaroth<br/> <b>Q6 Christianity</b><br/>           Q6 :21 Bible<br/>           Q6 :22 Old Testament<br/>           Q6 :221 Historical books<br/>           Q6 :222 Poetic books<br/>           Q6 :2225 Canticles<br/>           Q6 :223 Prophetic books<br/>           Q6 :23 New testament<br/>           Q6 :231 St. Matthew<br/>           Q6 :232 St. Mark.<br/>           Q6 :233 St. Luke</p> |
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## RELIGION

Q6:234	St. John	Q8451:23	Fragments of the Nasks
Q6:235	Acts		
Q6:236	Epistles	Q8451:231	Westergard's Fragments
Q6:2361	St. Paul		
Q6:2362	James	Q8451:232	Zend Fragments
Q6:2363	Peter	Q8451:233	T a h m u r a 's Fragments
Q6:2364	John		
Q6:2365	Jude	Q8451:234	Fragments of the Erpatistan Nask
Q6:237	Sermon on the Mount		
Q6:238	Revelation	Q8451:235	Fragments of the Nirangistan Nask
Q6:294	Apocrypha		
<b>Q8412</b>	<b>Confucianism</b>		
Q8412:211	Yi Ching	Q8451:236	Sundry Fragments
Q8412:212	Shi Ching		
Q8412:213	Shu Ching	Q8451:237	Aogemaide Nask
Q8412:214	Li He	Q8451:24	The Sirozahs, I and II
Q8412:215	Chun Chin		
Q8412:216	Analects	Q8451:25	The Yasts
<b>Q8451</b>	<b>Zoroastrianism</b>	Q8451:2511	Ormazd
Q8451x1	Bundahis	Q8451:2512	Haptan
Q8451x2	Selections of Zad Sparam	Q8451:2513	Ardebehist
		Q8451:2514	Khordad
Q8451x3	Bahman Yast	Q8451:2515	Aban
Q8451x4	S h a y a s t-La-Shayast	Q8451:2516	Khorshed
		Q8451:2517	Mah
Q8451x5	Andaz-i-Atarpat -i-Maraspand	Q8451:2518	Tir
		Q8451:2521	Gos
Q8451x6	Arda Viraf	Q8451:2522	Mihir
Q8451x7	Dinkard	Q8451:2523	S r o s h Yast
Q8451x8	Gangi-i-Syayigan		Hadhokht
		Q8451:2524	Rashn
Q8451x91	Menuk-i-Khrat	Q8451:2525	Farvardin
Q8451x92	Sad Dar	Q8451:2526	Bahram
Q8451:2	Avesta	Q8451:2527	Ram
Q8451:21	Gathas	Q8451:2528	Din
Q8451:22	Vendidad	Q8451:2531	Ashi

## RELIGION

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|---|---|
| <p>Q8451:2532 Ashtad</p> <p>Q8451:2533 Zamyad</p> <p>Q8451:2534 Vanant</p> <p>Q8451:2535 XXI, a Fragment</p> <p>Q8451:2536 XXII, a Fragment</p> <p>Q8451:2537 Afrin Paigham-bar Zartust</p> | <p>Q8451:2538 Vistasp</p> <p>Q8451:261 K h o r s h e d Nyasis</p> <p>Q8451:262 Mihir Nyasis</p> <p>Q8451:263 Mah Nyasis</p> <p>Q8451:264 Aban Nyasis</p> <p>Q8451:265 Atas Nyasis</p> |
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## R PHILOSOPHY

<b>R1</b>	<b>Logic</b>	<b>R299</b>	Categories
<b>R11</b>	Inductive	<b>R3</b>	<b>Metaphysics</b>
<b>R12</b>	Deductive		<b>R3 [V]: [S]</b>
<b>R13</b>	Dialectics		<i>Divisions based on</i>
<b>R14</b>	Symbolic, formal, mathematical ( <i>Alternative</i> to B:R 1)		<b>View or V</b> <i>Characteristic</i>
<b>R16</b>	Genetic	1	Absolute
<b>R17</b>	Scientific method	2	Idealism and realism
<b>R19</b>	Special topics	21	Idealism
<b>R191</b>	Definition	25	Realism
<b>R192</b>	Inference	3	Materialism
<b>R193</b>	Judgment, proposition	5	Monism and pluralism
<b>R194</b>	Fallacies, sophisms	51	Monism
<b>R195</b>	Ambiguity	55	Pluralism
<b>R198</b>	Probability	6	Teleology
<b>R199</b>	Categories	7	Value
<b>R2</b>	<b>Epistemology</b>	9	Other special views
<b>R21</b>	Sources of knowledge		( <i>To be got by the</i> <b>Subject Device</b> ) ( <i>Illustrative</i> )
<b>R211</b>	Sense-perception	9G	Genetic
<b>R212</b>	Inference	9Y	Humanism
<b>R2125</b>	Analogy	<b>R4</b>	<b>Ethics</b>
<b>R213</b>	Verbal testimony		<b>R4 [P]: [C]</b>
<b>R2133</b>	Tradition		<i>Divisions based on the train of</i>
<b>R215</b>	Presumption		<b>Problem or P</b> <i>Characteristic</i>
<b>R22</b>	Nature of knowledge		
<b>R24</b>	Validity of knowledge	1	<b>Personal ethics</b>
<b>R29</b>	Special topics	11	Truth and falsehood
<b>R292</b>	Truth and error	12	Humility, egoism, modesty, pride

## PHILOSOPHY

13	Temperance	231	Guardian
14	Gentleness, cruelty, tolerance, envy, sweetness, anger	235 24 241	Ward Dependent relative Conduct towards
15	Chastity, celibacy, adultery, im- moral habits	245	dependent re- lative Conduct of depen- dent relative
16	Gratefulness and ungratefulness	25	Other relatives
17	Diligence and sloth	251	Conduct towards other relatives
18	Courage, coward- liness, firmness, weakness	255	Conduct of other relatives
19	Other qualities	26 261	Guest, host Host
2	<b>Family ethics</b>	265	Guest, host
21	Husband and wife, marriage, divorce	28 281	Domestic servants Conduct towards domestic servants
211	Husband		
215	Wife		
217	Marriage	285	Conduct of domestic servants
2175	Polygamy, adultery		
2178	Break up of mar- riage	<b>3</b>	<b>Social ethics</b>
		32	Truth and slander
22	Parent and child	33	Philanthropy and humanity
221	Parent		
2211	Father	34	Etiquette
22 13	Foster father	341	Etiquette of enter- tainments
2214	Step-father		
2217	Foster mother	342	Etiquette of wed- ding
2218	Step-mother		
225	Child		
2251	Son	343	Card etiquette
2253	Foster son	344	Conversational etiquette
2254	Step-son		
2255	Daughter	345	Letter-writing eti- quette
2257	Foster daughter		
2258	Step-daughter	346	Travelling eti- quette
23	Guardian and ward		



## PHILOSOPHY

- |                                     |  |  |   |
|-------------------------------------|--|--|---|
| 347                                 | Club etiquette   | 965  | Perfection  |
| 348                                 | Funeral etiquette  | 968  | Compromise  |
| 37                                  | Friendship, court-<br>ship   | 98   | Compromise in<br>general  |
| 3W                                  | State ethics (Sub-<br>divisions as in<br>'W' Political<br>Science) | <i>Divisions based on the train of<br/>Controlling or C<br/>Characteristic</i> |   |
| 4                                   | Professional and<br>business ethics                                | 1  | Egotism, altruism   |
| <i>To be divided by Professions</i> |  | 11   | Egotism   |
| 6                                   | Ethics of leisure<br>and amusements                                | 15   | Altruism  |
| <i>To be divided as 'MY'</i>        |  | 3  | Conscience  |
| 7                                   | Conduct towards<br>animals   | 6  | Teleology   |
| 9                                   | Special topics   | 7  | Value   |
| 91                                  | Good and evil  | <i>Other divisions to be got by the<br/>Subject Device</i>                     |   |
| 911                                 | Good   | R5   | Aesthetics  |
| 915                                 | Evil   | R6   | Indian philosophy<br>(Philosophy of the mother<br>country or the most<br>favoured system) |
| 918                                 | Compromise   | R61  | Hindu philosophy  |
| 92                                  | Truth and false-<br>hood   | R62  | Nyaya, Vaisesika  |
| 921                                 | Truth  | R621   | Vaiśeṣika   |
| 925                                 | Falsehood  | R625   | Nyāya   |
| 928                                 | Compromise   | R63  | Sankhya, Yoga   |
| 93                                  | Right and wrong  | R631   | Sāṅkhya   |
| 931                                 | Right  | R635   | Yoga  |
| 935                                 | Wrong  | R64  | Purva mimamsa   |
| 938                                 | Compromise   | R641   | Bhāṭṭa mīmāṃsā  |
| 94                                  | Happiness and<br>sorrow  | R645   | Prabhākara mī-<br>māṃsā   |
| 941                                 | Happiness  | R65  | Vedanta   |
| 945                                 | Sorrow   | R66  | Advaita   |
| 948                                 | Compromise   | R663   | Pratyabhijñā (Kāṣ-<br>mīrian)   |
| 96                                  | Progress, perfection   | R6634  | Vīraśaiva advaita   |
| 961                                 | Progress   | R67  | Viśiṣṭadvaita   |
|                                     |  | R672   | Vaiṣṇava  |

## PHILOSOPHY

<p>R673 Śaivasiddhānta  <b>R68 Dvaita</b>  R689 Other vedāntic schools</p>	<p>R6943 Sautrāntika  R6945 Mahāyāna  R6946 Yogācāra  R6947 Mādhyamika</p>
<p>R69 Other Indian schools  R691 Cārvāka  <b>R693 Jaina</b>  <b>R694 Buddhistic</b>  R6941 Hīnayāna  R6942 Vaibhāṣika</p>	<p><b>R7 The second favoured system</b>   <b>R8 Other Systems</b>  <i>(To be divided by the Geographical Device)</i></p>

*Class Numbers by the Classic Device (illustrative)*

### R6 INDIAN PHILOSOPHY

R6x1	Haribhadra <i>Ṣaḍdarśana-samuccaya</i>
R6x2	Mādhavācārya <i>Sarvadarśana-saṅgraha</i>
R6x3	Śaṅkarācārya <i>Sarva-siddhānta-saṅgraha</i>
R6x4	<i>Sarvamata-saṅgraha</i>
R6x5	<i>Prapañcaḥṛdaya</i>

### R621 VAISESIKA

<b>R621x1</b>	<b>Kanada. Vaisesika-sutra</b>
R621x11	Praśastapāda Ācārya <i>Padārtha-saṅgraha</i>
R621x111	<i>Padārtha-tuttvanirṇaya</i>
R621x112	<i>Dravya-bhāṣya-tīkā</i>
R621x114	Śrīdhara <i>Nyāya-kandalī</i>
R621x115	Udayaṅcārya <i>Kiraṇāvalī</i>
R621x1151	Vardhamānopādhyāya <i>Kiraṇāvalī-prakāśa</i>
R621x11512	Raghunātha Śīromaṇi <i>Kiraṇāvalī-prakāśa-dīdhiti</i>
R621x1152	Padmanābhamiśra <i>Kiraṇāvalī-bhāskara</i>
R621x1153	Bhaṭṭa Vādīndra <i>Rasasāra</i>
R621x11I90	Śaṅkaramiśra <i>Praśastapādabhāṣya-tīkāsaṅgraha</i>
R621x11K30	Jagadīśa Tarkālānkāra <i>Praśastapāda-bhāṣya-sūkti</i>
R621x12	Śaṅkaramiśra <i>Upaskāra</i>
R621x1M50	Jayanārāyaṇa Tarkapañcānana <i>Vivṛti</i>
<b>R621x2</b>	<b>Vallabhacārya. Nyāyalilavati</b>
R621x21	Vardhamāna <i>Nyāyalilāvati-prakāśa</i>
R621x211	<i>Nyāyalilāvati prakāśa viveka</i>

## PHILOSOPHY

R621x22	Raghunātha Śiromaṇi <i>Nyāyalīlāvati-dīdhiti</i>
R621x24	Śaṅkara Miśra <i>Nyāyalīlāvati kaṅṭhābharāṇa</i>
R621x8	Bhagīratha Ṭhakūra <i>Nyāyalīlāvati vivṛti</i>
R621xD95	Sivāditya <i>Saptapadārthi</i>
R621xD951	Jinavardhana Śuri <i>Commentary</i>
R621xD952	Mādhava Saraswati <i>Mitabhāṣiṇī</i>
R621xD953	Śeṣānanda <i>Padārthacandrikā</i>
R621xD954	Bhairavendra <i>Śiśubodhinī</i>
R621xD955	Balabhadra <i>Sandarbhā</i>
R621xJ70	Sarvadeva Śūri <i>Pramāṇamañjarī</i>
R621xK30	Gaṅgādharasūri <i>Kānādasiddhānta-candrikā</i>
R621xL50	Veṇīdatta <i>Padārthamaṇḍana</i>

### R625 NYAYA

<b>R625x1</b>	<b>Gautama. Nyaya-sutra</b>
R625x11	Vātsyāyana <i>Nyāya-bhāṣya</i>
R625x111	Uddyotakara <i>Nyāya-vārttika</i>
R625x1111	Vācaspatimiśra <i>Nyāya-vārttika-tātparya-ṭīkā</i>
R625x11111	Udayaṅcārya <i>Nyāya-vārttika-tātparya-pariśuddhi</i>
R625x12	Jayanta Bhaṭṭa <i>Nyāya-mañjarī</i>
R625x13	Viśwanātha Pañcānana <i>Nyāya-sūtra-vṛtti</i>
R625x1M10	Rādhāmohan Bhaṭṭācārya <i>Nyāya-sūtra-vivarāṇa</i>
<b>R625x2</b>	<b>Bhasarvajna. Nyayasara</b>
R625x21	Vāsudeva <i>Nyāyasāra-padaṭpañcikā</i>
R625x22	Jayasimhasūri <i>Nyāya-tātparya-dīpikā</i>
<b>R625x3</b>	<b>Udayana. Nyaya kusumanjali or Kusumanjali</b>
R625x31	Varadarāja <i>Bodhinī</i>
R625x32	Vardhamāna <i>Nyāya-kusumāñjali-prakāśa</i>
R625x321	Rucidattamiśra <i>Nyāya-kusumāñjali-prakāśa</i> <i>makaranda</i>
R625x33	Haridāsa <i>Nyāyakusumāñjali kārikā vyākhyā</i>
<b>R625x4</b>	<b>Varadaraja. Tarkikaraksa</b>
R625x41	Varadarāja <i>Sārasaṅgraha</i>
R625x42	Jñānapūrṇa <i>Laghudīpikā</i>
R625x43	Mallināthasūri <i>Niṣkaṅṭaka</i>
<b>R625x5</b>	<b>Kesavamisra. Tarkabhāsa</b>
R625x51	Cennu Bhaṭṭa <i>Tarkabhāṣā-prakāśikā</i>
R625x52	Govardhanamiśra <i>Tarkabhāṣā-prakāśa</i>

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- R625x53 Gaurikānta Sārvabhauma Bhaṭṭācārya *Bhāvārtha-dīpikā*
- R625x54 Bālacandra *Tarkabhāṣū-prakāśikā*
- R625x55 Mādhavadeva *Tarkabhāṣū-sāramañjarī*
- R625x56 Gopinātha *Tarkabhāṣū-bhāvaprakāśikā*
- R625x57 Kauṇḍinyadikṣita *Tarkabhāṣū-prakāśikā*
- R625x58 Viśwakarman *Nyāyapradīpa*
- R625x6** **Gangesa Upadhyaya. Tattvacintamani**
- R625x61 Vardhamānopādhyāya *Prakāśa*
- R625x62 Jayadeva *Āloka*
- R625x63 Rucidattamiśra *Tattva-cintāmaṇi-prakāśa*
- R625x64 Vāsudevamiśra *Tattvacintāmaṇīṭikā*
- R625x65 Raghunātha Śiromaṇi Bhaṭṭācārya *Dīdhiti*
- R625x651 Mathurānātha *Commentary on Dīdhiti*
- R625x652 Bhavānanda Siddhānta Vāgīśa *Tattva-cintāmaṇi-dīdhiti-prakāśa*
- R625x653 Jagadīśa *Jāgadīśi*
- R625x654 Gadādhara Bhaṭṭācārya *Tattva-cintāmaṇi-dīdhiti vivṛti*
- R625x6541 Bhīmācārya Ottangadkar *Gādādhari-Pañcalakṣaṇī*
- R625x65J70 Kṛṣṇadāsa Sārvabhauma *Anumāna-dīdhiti-prasāriṇī*
- R625x66 Mathurānātha Tarkavāgīśa *Tattva-cintāmaṇi-rahasya*
- R625x6K36 Rājacūḍāmaṇi Makhin *Maṇidarpaṇa*
- R625x6K40 Gopinātha *Maṇisāra*
- R625x6M80 Sangameśvara Śāstri *Sangameśvara krodam*
- R625x7** **Viswanatha Pancanana Bhattacarya. Karika-  
vali or Bhasa-pariccheda**
- R625x71 Viśwanātha Pañcānana Bhaṭṭācārya *Muktāvali*
- R625x711 Mahādeva and Dinakara *Prakāśa*
- R625x7111 Rāmarudra *Rāmarudriya*
- R625x712 Rāmarudra *Prabhā*
- R625x713 Rāmarudra *Mañjūṣā*
- R625x714 Gangārāma *Gaṅgārāma Jhaṭīya*
- R625x8** **Annambhatta. Tarka-sangraha**
- R625x81 Annambhaṭṭa *Tarka-saṅgraha-dīpikā*

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R625x811	Nilakaṇṭha <i>Prakāśikā</i>
R625x8111	Lakṣmīnarasimha Sāstri <i>Bhāskarodaya</i>
R625xD87	Jayanta <i>Nyāyakalikā</i>
R625xH50	Nigamānta Mahādeśika <i>Nyāya-pariśuddhi</i>
R625xI50	Vācaspatimiśra <i>Khaṇḍanoddhāra</i>
R625xJ40 :1	Raghunātha <i>Padārtha-tattva-nirūpaṇa</i>
R625xJ40 :11	Raghuḍeva <i>Nyāyālaṅkāra</i>
R625xJ40 :2	Raghunātha <i>Padārthamālā</i>
R625xJ50	Jāṇakinātha Bhaṭṭācārya <i>Nyāyasiddhāntamañ-jarī</i>
R625xJ502	Yādavācārya <i>Nyāya-mañjri-sāra</i>
R625xK50	Jayarāma Bhaṭṭācārya <i>Nyāyasiddhāntamālā</i>
R625xM10	Rādhāmohan Bhaṭṭācārya <i>Nyāyasūtra vivaraṇa</i>
R625xM30	Rākhaldās <i>Tattvasāra</i>
R625024013x1	Gokulanātha <i>Padavākya-ratnākara</i>
R625024013x2	Giridhara <i>Vibhaktiyartha-nirṇaya</i>
R625024013x3	Jagadīśa <i>Sabda-śakti-prakāśa</i>
R625024013x4	Gadādhara Bhaṭṭācārya <i>Vyutpattivāda</i>
R625024013x41	Kṛṣṇa Bhaṭṭa <i>Vyutpattivāda-vyākhyā</i>
R625024J13x42	Bacca Śarīnā <i>Vyutpattivāda-vyākhyā</i>
R625024013x43	Sudarśanācārya <i>Vyutpattivāda-vyākhyā</i>
K625024013x5	Gadādhara Bhaṭṭācārya <i>Saktivāda</i>

### R631 SANKHYA

R631x1	Tattva samasa
R631x2	Isvarakṛsna. Sankhyakarika
R631x21	Māthara <i>Mātharavṛtti</i>
R631x22	Gauḍapāda <i>Sāṅkhya-kārikā-bhāṣya</i>
R631x23	Vācaspatimiśra <i>Sāṅkhya-tattva-kaumudī</i>
R631x238	Vamśīdharamiśra <i>Sāṅkhya-tattva-kaumudī-vibhākara</i>
R631x24	Śaṅkarārya <i>Jayamaṅgala</i>
R631x25	Nārāyaṇatīrtha <i>Candrikā</i>
R631x28	<i>Yuktīdīpikā</i>
R631x3	Kapila. Sankhya-sutra
R631x31	Aniruddha <i>Sāṅkhya-sūtravṛtti</i>
R631x32	Vijñānabhikṣu <i>Sāṅkhya-pravacana-bhāṣya</i>
R631x33	Mahādeva <i>Sāṅkhya-sūtravṛtti</i>

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### R635 YOGA

- R635x1** Patanjali. *Yogasutra*  
R635x11 Vyāsa *Bhāṣya*  
R635x111 Vācaspatimiśra *Pātañjala-sūtrabhāṣya-vyākhyā* or  
*Tattva vaiśāradi*  
R635x12 Vijñānabhikṣu *Yoga-vārttika*  
R635x13 Rāghavānanda Sarasvati *Pātañjala-bhāṣya*  
R635x14 Hariharānanda Āraṇya *Bhāṣvatī*  
R635x1L00 Nāgeśa Bhaṭṭa *Pātañjala-sūtra-vṛtti*  
R635x1L50 Sadāśivendra Sarasvati *Yoga-sūtra-vṛtti* or  
*Yoga-sudhākara*  
R635x1M10 Rāmānandayati *Maṇiṣprabhā*  
R635x1M20 Nārāyaṇatīrtha *Yoga-siddhānta-candrikā*  
R635x1M21 *Sūtrārthabodhinī*  
R635x1M30 Ananta Paṇḍita *Pātañjala-darśana*  
R635x1M40 *Bhāva Gaṇeśīya*  
R635x2 Bhojadeva *Rājamārtāṇḍa*  
R635x3 Vijñānabhikṣu *Yoga-sāra-saṅgraha* or *Jñāna*  
*pradīpa*

### R64 PURVA MIMAMSA

- R64x1 Jaimini *Mīmāṃsā-sūtra*  
R64x11 Śabara *Śabara-bhāṣya*  
R64x111 Maṇḍana *Mīmāṃsānukramaṇikā*  
R64xL40 Satyagñānanda *Vedaparakāśā*

### R641 BHATTA MIMAMSA

- R641x1** Kumarila Bhatta. *Sloka-varttika*  
R641x11 Umbeka or Umveka and Jayamiśra *Sloka-vārttika-*  
*vyākhyā*  
R641x12 Sucaritamiśra *Kāśikā*  
R641x13 Pārthasārathimiśra *Nyāyaratnākara*  
**R641x2** Kumarila Bhatta. *Tantra-varttika*  
R641x21 Bhaṭṭa Someśvara *Nyāya-sudhā* or *Raṇakam*  
**R641x3** Kumarila Bhatta. *Tuptika*  
R641x31 Pārthasārathimiśra *Tantra-ratna*  
R641x4 Maṇḍanamīśra *Vidhī-viveka*

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- R641x41 Vācaspati *Nyāya-kanikā*  
R641x5 Maṇḍanamisra *Bhāvanā-viveka*  
R641x51 Umbeka or Umveka *Bhāvanā-viveka-vyākhyā*  
R641x6 Pārthasārathimiśra *Nyāya-ratnamālā*  
R641x61 Rāmānujācārya *Nāyakaratna*  
R641x7 Pārthasārathimiśra *Sārtra-dīpikā*  
R641x71 Rāmakṛṣṇamiśra *Yuktisneha-prapūraṇi*  
R641x711 Rāmakṛṣṇamiśra *Gūḍhārtha-vivaraṇa*  
R641x72 Somanātha *Mayūkhamālikā*  
R641x8 Mādhavācārya *Jaiminīa-nyāyamālā* or *Mīmāṃsādhikaraṇa-nyāyamālā*  
R641x81 Mādhavācārya *Nyāyamālā-vistara*  
R641x9 Khaṇḍadeva *Bhāṭṭadīpikā*  
R641x91 Śambhu Bhaṭṭa *Prabhāvalī*  
R641x9L80 Vāncheśwara Yajvan *Bhāṭṭacintāmaṇi*  
R641xJ50:1 Appayadīksita *Vidhirasāyana*  
R641xJ50:2 Appayadīksita *Citrapāṭha*  
R641xJ90 Nārāyaṇa Bhaṭṭa and Nārāyaṇa Paṇḍita *Māna-meyodaya*  
R641xK20 Bhaṭṭa Śaṅkara *Mīmāṃsā-bāla-prakāśa*  
R641xK30 Āpadeva *Mīmāṃsā-nyāya-prakāśa* or *Āpadevī*  
R641xK301 Anantadeva *Bhāṭṭūlaṅkāra*  
R641xK302 Cinnaswāmi Śāstri *Mīmāṃsā-nyāya-prākāśa-vyākhyā*  
R641xK40 Gāgā Bhaṭṭa *Bhāṭṭa-cintāmaṇi*  
R641xK501 Khaṇḍadeva *Mīmāṃsā-kaustubha*  
R641xK502 Khaṇḍadeva *Bhāṭṭarahasya*  
R641xK60 Laughākṣi Bhāskara *Artha-saṅgraha*  
R641xK70 Rāmakṛṣṇa Bhaṭṭācārya *Adhikaraṇa-kaumudī*  
R641xK90 Vaidyanātha Bhaṭṭa *Nyāya-bindu*  
R641xK95 Bhāskara Bhaṭṭa *Bhāṭṭa candrikā* (a Comm. on Śaṅkarṣa kāṇḍa of *Mīmāṃsā sūtra*)  
R641xL00 Kṛṣṇa Yajvan *Mīmāṃsā-paribhāṣā*  
R641xL10 Nārāyaṇatīrtha *Bhāṭṭa-bhāṣā-prakāśa*  
R641xL30 Vāsudevadīksita *Adhvāra-mīmāṃsā-kutūhala-vṛtti*  
R641xM50 Rāmeśwarasūri *Commentary*  
R641024x1 Vācaspatimiśra *Tattva-bindu*

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### R645 PRABHAKARA MIMAMSA OR GURUMATA

- R645x1 Prabhākara *Bṛhatī*  
R645x11 Śālikanātha *Ṛjuvimala*  
R645x5 Śālikanātha *Prakarāṇa-pañcīkā*  
R645x6 Bhavanātha *Naya-viveka*  
R645xK50 Nandīśvara *Prabhākara-vijaya*  
R645xL00 Rāmānujācārya *Tantra-rahasya*

### R65 VEDANTA

- R65xK08 Rāmadāsa *Dāsabodha*

### R66 ADVAITA

- R66x1 Sankaracarya. *Upadesasahasri*  
R66x2 Mandanamisra. *Brahmasiddhi*  
R66x21 Vācaspatimīśra *Brahmatattva-samīkṣā*  
R66x22 Śāṅkhapāṇi *Samīkṣā-phakkikā*  
R66x23 Citsukha *Brahma-siddhi-vyākhyā*  
R66x24 Ānandapūrṇa *Brahmasiddhi-vyākhyā*  
R66x3 Suresvaracarya. *Naiṣkarmyasiddhi*  
R66x31 Ānandānubhava *Naiṣkarmyasiddhi-vyākhyā*  
R66x32 Jñānottamamīśra *Candrikā*  
R66x33 Citsukhācārya *Comm. on Naiṣkarmyasiddhi*  
R66x34 Jayakṛṣṇabrahmatīrtha *Comm. on Naiṣkarmya-siddhi*  
R66x4 Vimuktaman. *Istasiddhi*  
R66x41 Jñānottama *Vivarāṇa*  
R66x42 Ānandānubhava *Commentary*  
R66x5 Sarvajnatman. *Samksepa-sariraka*  
R66x51 Rāmātīrtha *Anvayārthaprakāśikā*  
R66x52 Puruṣottamamīśra or Puruṣottamadīkṣita *Subodhini*  
R66x53 Nṛsimhāśrama *Tattvabodhini*  
R66x54 Rāghavānanda Sarasvati *Vidyānanda-varṣiṇī*  
R66x55 Madhusūdana Sarasvati *Commentary*  
R66x6 Anandabodha. *Advaita-makaranda* or *Nyaya-makaranda*  
R66x61 Citsukhācārya *Comm. on Advaita-makaranda*





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- R66xH50:1 Vidyāraṇya *Pañcadaśī*  
R66xH50:2 Vidyāraṇya *Jīvanmuktiviveka*  
R66xH50:3 Vidyāraṇya *Vivaraṇa-prameya-saṅgraha*  
R66xI50 Lakṣmīdhara *Advaita makaranda*  
R66xI501 Svayamprakāśānanda *Commentary*  
R66xI90 Śaṅkara Mīśra *Bhedaratnam*  
R66xJ10 Raṅgarājadhvarin *Advaitamukura*  
R66xJ25:1 Sadānanda *Vedāntasāra*  
R66xJ25:11 Āpadeva *Bālābodhinī*  
R66xJ25:13 Rāmatīrtha *Vidvanmanorañjanī*  
R66xJ40:1 Narasimhāśrama *Advaita-dīpikā*  
R66xJ40:2 Narasimhāśrama *Bhedadhikkāra*  
R66xJ40:3 Narasimhāśrama *Nṛsimha vijñāpana*  
R66xJ40:4 Narasimhāśrama *Vedānta tattva viveka*
- R66xJ50:1 Appayadīkṣita *Sārīraka-nyāya-rakṣāmaṇi*  
R66xJ50:2 Appayadīkṣita *Siddhānta-leśa-saṅgraha*  
R66xJ50:21 Acyutakṛṣṇānanda *Siddhānta-leśa-saṅgraha-  
vyākhyā*
- R66xJ50:3 Appayadīkṣita *Vādanakṣatramālā or Nakṣatra-  
vādāvalī*
- R66xJ80 Kāśmīraka Sadānanda *Yogi Advaita-brahmasiddhi*  
R66xJ85 Dharmarāja Dīkṣita *Vedānta paribhāṣā*
- R66xK00:1 Madhusūdana Sarasvatī *Advaitaratnarakṣaṇa*  
R66xK00:2 Madhusūdana Sarasvatī *Prasthānabheda*  
R66xK00:3 Madhusūdana Sarasvatī *Vedānta Kalpalatikā*  
R66xK00:4 Madhusūdana Sarasvatī *Īśvara pratīpatti prakāśa*
- R66xK50 Raṅgojibhaṭṭa *Advaita-cintāmaṇi*  
R66xK60:1 Anantadeva *Siddhānta tattva or Vedānta pra-  
karaṇa*
- R66xK70 Kṛṣṇānanda Sarasvatī *Siddhānta-siddhāñjana*  
R66xK701 Bhāskaradīkṣita *Ratnatulikā*
- R66xK85 Gaṅgādharendra Sarasvatī *Vedānta siddhāntasūkti-  
mañjarī*
- R66xK90 *Svārājya siddhi*  
R66xL20 Brahmānanda Sarasvatī *Advaita siddhānta vidyotana*

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- R66xL40 Tāṇḍavar *Kaivalyanavanītam*  
R66xL404 Govindar *Tātparya dīpikā*
- R66xL50:1 Sadāśivendra Sarasvati *Siddhāntakalpavallī*
- R66xM00 Ayyaṅṇādikṣita *Vyāsa-tātparya-nirṇaya*  
R66xM10 Narahari *Bodhasāra*  
R66xM40 Cidambarasvami *Advaitasāstirattiraṭṭu*
1. 66:5x1 Sankara. *Brahmasutra-bhasya*  
R66:5x11 Padmapāda *Pañcapādikā*  
R66:5x111 Prakāśātman *Pañcapādikā-vivarāṇa*  
R66:5x1111 Akhaṇḍānandamuni *Tattvavaiṭṭhana*  
R66:5x1112 Citsukha *Vivarāṇa-tātparya-dīpikā*  
R66:5x1113 Nṛsiṃhāśramamuni *Bhāvaprakāśikā*  
R66:5x1115 Rāmānanda Sarasvati *Vivarāṇopanyāsa*  
R66:5x112 Amalānanda *Pañcapādikā-darpaṇa*  
R66:5x113 Ānandapūrṇayati *Pañcapādika-tīkā*  
R66:5x12 Vacaspatimiśra *Bhāmatī*  
R66:5x121 Amalānanda *Kalpataru*  
R66:5x1211 Appayadikṣita *Parimala*  
R66:5x1212 Lakṣmīnṛsiṃha *Ābhoga*  
R66:5x13 *Prakāśārtha-vivarāṇa*  
R66:5x14 Citsukha *Bhāṣya-bhāva-prakāśa*  
R66:5x15 Ānandagiri *Sārīrakabhāṣya-vyākhyā* or *Nyāya nirṇaya*
- R66:5x16 Rāmānanda Sarasvati or Govindānanda Sarasvati  
*Bhāṣya-ratna-prabhā*
- R66:5x161 Acyutakṛṣṇānanda *Ratnaprabhā-vyākhyā*  
R66:5x17 Kṛṣṇānandayati or Advaitānanda *Brahmavidyā-bharaṇa*
- R66:5x2 Vijñānabhīkṣu *Vijñānāmṛta*  
R66:5x3 Rāmānanda Sarasvati *Brahmāmṛta-varṣiṇī*  
R66:5x4 Haridikṣita *Brahma-sūtra-vṛtti*  
R66:5x5 Brahmānandā Sarasvati *Vedāntasūtramuktāvalī*  
R66:5x6 Sadāśivendra Sarasvati *Brahma-sūtra-vṛtti*  
R66:5xJ50 Appayadikṣita *Nyāyarakṣamāni*  
R66:5xM50 Raghunātha Sūri *Saṅkara-pāḍabhāṣana*

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- R66:6x1      Śaṅkara *Gītābhāṣya*  
R66:6x11     Ānandagiri *Vivecana*  
R66:6x12     Dhanapati *Bhāṣyotkarṣa-dīpikā*
- R66:6x2      Madhusūdana Sarasvatī *Gūḍhārtha dīpikā*  
R66:6x6      Vedantadeśika *Brahmānandagiri*  
R66:6x7      Hanumān *Paiśāca bhāṣya*
- R66:6xG90    Jñāneśvara *Jñāneśvari*  
R66:6xI20    Bhaṭṭar *Bhagavadgītai*  
R66:6xI201   Bhaṭṭar *Gūḍārtha dīpikāi*  
R66:6xI208   Vadivelu Chettiār *Gītai vacanam*
- R66:8x1      Śaṅkara *Viṣṇusahasranāma bhāṣya (alternative)*  
R66:8x2      Śaṅkara *Sanatsūjātīya bhāṣya*

### R663 Pratyabhijna (Kasmirian)

- R663x1      Somananda. Sivadrsti  
R663x11     Somānanda *Vṛtti*  
R663x13     Abhinavagupta *Sulocana*
- R663x2      Utpala. Pratyabhijna sutra  
R663x21     Utpala *Vṛtti*  
R663x211    Utpala *Tikā (Vivṛti)*  
R663x22     Abhinavagupta *Pratyabhijñā vimarśini (Laghu vṛtti)*
- R663x23     Abhinavagupta *Pratyabhijñā vivṛti vimarśini (Bṛhadvṛtti)*
- R663x24     Bhāskara *Sivasūtra vārttika*  
R663x25     Kṣemarāja *Pratyabhijñā hṛdaya*
- R663x3:1    Abhinavagupta. Tantraloka  
R663x3:11   Jayaratha *Commentary*  
R663x3:2    Abhinavagupta *Tantrasāra*  
R663x3:3    Abhinavagupta *Paramārthasāra*  
R663x3:31   Yogarāja *Commentary*

### R6634 Virasaiva advaita

- R6634:5x1    Śrīpatīpaṇḍitācārya *Śrīkara bhāṣya*

## PHILOSOPHY

### R672 VISISTADVAITA (VAISNAVA)

- R672x1 Yāmuna *Siddhitraya*  
R672x2 Rāmānuja *Vedāntasāra*  
R672x3 Nāthamuni *Nyāyatattva*  
R672x4 Parāśara Bhaṭṭa *Tattvaratnākara*  
R672x5 Rāmamiśra *Vivaraṇa*

#### *Other Classics by the Chronological Device (Illustrative)*

- R672xE20:1 Rāmānuja *Vedantadīpa*  
R672xE20:2 Rāmānuja *Vedārthāsāngraha*  
R672xE20:21 Sudarśana *Tātparya-dīpikā*  
R672xE20:211 Rāma Miśra *Snehapūrti*
- R672xG68:1 Vedāntadeśika or Venkaṭanātha *Adhikarāṇa sārāvali*
- R672xG68:11 Varadanātha or Kumāravaradācārya *Adhikarāṇacintāmaṇi*
- R672xG68:2 Vedāntadeśika *Tattvamuktākālāpa*  
R672xG68:21 *Tattvamuktākālāpa-vyākhyā*  
R672xG68:3 Vedāntadeśika *Nyāyapariśuddhi*  
R672xG68:31 Śaṭhakopayati *Commentary*  
R672xG68:32 Śrīnivāsadāsa *Nyāyasāra*  
R672xG68:4 Vedāntadeśika *Nyāyasiddhāñjana*  
R672xG68:41 Raṅgarāmānuja *Nyāyasiddhāñjana vyākhyā*  
R672xG68:5 Vedāntadeśika *Vāditrayakhaṇḍana*  
R672xG68:6 Vedāntadeśika *Satadūṣaṇi*  
R672xG68:61 Rāmānujadāsa or Mahācārya *Caṇḍamāruta*  
R672xG68:62 Nṛsimharāja *Satadūṣaṇi-vyākhyā*  
R672xG68:63 Śrīnivāsa *Sahasrakiraṇi*  
R672xG80:1 Pillai Lokācārya *Tattvatrayam*  
R672xG80:2 Pillai Lokācārya *Tattvaśekhara*  
R672xG90:1 Jnāneśvara *Amṛtānubhava*  
R672xK20:1 Venkaṭācārya *Siddhāntaratnāvali*  
R672xK50 Śaṭhamarṣa Śrīnivāsātātācārya *Ananda-tāratamyā khaṇḍanam*
- R672xK80:1 Śrīnivāsa *Aruṇādhikarāṇa-sarāṇa-vivaraṇi*  
R672xK80:2 Śrīnivāsa *Oṅkāravādārtha*  
R672xK80:3 Śrīnivāsa *Jigñāsādarpaṇa*

## PHILOSOPHY

- R672xK80:4 Śrīnivāsa *Jñānaratna-prakāśikā*  
R672xK80:5 Śrīnivāsa *Natvadarpaṇa*  
R672xK80:6 Śrīnivāsa *Tattvamārtāṇḍa*  
R672xK80:7 Śrīnivāsa *Pranavadarpaṇa*  
R672xK80:81 Śrīnivāsa *Virodhanirodha*  
R672xK80:82 Śrīnivāsa *Yatīndramata-dīpikā*
- R672xK90:1 Mahācārya or Rāmānujadāsa *Pārāśaryavijayā*  
R672xK90:2 Mahācārya *Vedāntavijaya*  
R672xK90:3 Mahācārya *Advaitavidyāvijaya*  
R672xK90:4 Mahācārya *Sadvidyāvijaya*
- R672xK95 Bucci Venkaṭācārya *Vedāntakārikāvali*  
R672xL20 Paravastu Vedāntācārya *Vedāntakaustubha*  
R672xL25 Nṛsimhadeva *Anandavallari*  
R672xL40 Raṅgarāmānuja *Parapakṣanirākṛta*  
R672xL50 Śāthakopamuni *Brahmalakṣaṇa vākyārtha*
- R672xM20:1 Anantācārya *Sārīravāda*  
R672xM20:2 Anantācārya *Samvidekatvānumāna-nirāsa-vādārtha*
- R672xM20:3 Anantācārya *Samāsavāda*  
R672xM20:4 Anantācārya *Brahmapadaśaktivāda*
- R672xM56 Ānandāzhvār *Vedānta vādāvali*
- R672:5x2 Ramanuja Sribhasya**  
R672:5x21 Sudarśana *Srībhāṣya-vyākhyā, Śrutaprakāśa*  
R672:5x211 Varadaviṣṇu *Śrutaprkāśa-vyākhyā, Bhāva-prakāśikā*
- R672:5x212 Lakṣmaṇa *Gurubhāvaprakāśa*  
R672:5x22 Sudarśana *Śrutapradīpikā*  
R672:5x23 Vedāntadeśika *Tattvaṭīkā*  
R672:5x24 Sundararāja *Commentary*  
R672:5x25 *Nyāyaprakāśikā*  
R672:5x26 Raṅgarāmānuja *Mūlabhāvaprakāśikā*
- R672:5x3 Raṅgarāmānuja *Sārīraka śāstrārtha dīpikā*  
R672:5xJ50 Appayya Dikṣita *Nayamayuktha mālikā*
- R672:6x1 Yāmuna *Gītārthasaṅgraha*  
R672:6x11 Vedāntadeśika *Gītārthasaṅgraha-rakṣā*

## PHILOSOPHY

- R672:6x2 Rāmānuja *Bhagavadgītā bhāṣya*  
R672:6x21 Vedāntadeśika *Tātparyacandrikā*

### R673 SAIVA SIDDHANTAM

- R673x1 Uyyavandadevar I *Tiruvundiār*  
R673x11 Uyyavandadevar II *Tirukkalirrupādiyar*
- R673x2 Meykandadevar. Sivajnana bodham**  
R673x21 Aruṇandi Sivācārya *Sivajñāna siddhi*  
R673x26 Umāpati Sivācārya *Sivaprakāśa*  
R673x27:1 Śivajnāna Yogi *Drāviḍa Mahā bhāṣya*  
R673x27:2 Śivajnāna Yogi *Laghu tīkā*
- R673x3 Aruṇandi Sivācārya *Irupā irupadu*  
R673x4 Manavācakam Kaṇḍandān *Uṇmai vilakkam*  
R673x5 Marai Jnānasambandar *Sivasamaya neri*
- R673x6:1 Umāpati Sivācārya *Tiruvaruṭṭayan*  
R673x6:2 Umāpati Sivācārya *Vinā veṅbā*  
R673x6:3 Umāpati Sivācārya *Porriṭpahroḍai*  
R673x6:4 Umāpati Sivācārya *Koḍikkavai*  
R673x6:5 Umāpati Sivācārya *Nenjuviḍu tūdu*  
R673x6:6 Umāpati Sivācārya *Uṇmai neri vilakkam*  
R673x6:7 Umāpati Sivācārya *Sankalpa nirākaraṇam*
- R673x7 Kaṇṇuḍaya Vaḷḷal *Ozhivil oḍukkam*  
R673x8 Śambudeva *Saiva siddānta dīpikā*  
R673x91 Śivajnāna Yogi *Tattuvaprakāśa*  
R673x911 Śivajnāna Yogi *Tattuvakṭṭalai*
- R673:5x1 Srikantha Sivacarya. Brahmasutrabhasya**  
R673:5x11 Appayadikṣita *Sivārkamaṇidīpikā*  
R673:5x12 Nilakaṇṭha *Kriyāsāra*

### R68 DVAITA

- R68x1 Ānandatīrtha or Madhvācārya *Tattvasaṅkhyāna*  
R68x11 Jayatīrtha *Tattvasaṅkhyāna-vivaraṇa*  
R68x2 Ānandatīrtha *Aṇubhāṣya*  
R68x3 Jayatīrtha *Vādāvai*  
R68xF99 Ānandatīrtha *Sarvamūla*  
R68xI20 Čalari Seṣācārya *Pramāṇa candrikā*

## PHILOSOPHY

- R68xI67 :1 Vyāsātīrtha *Nyāyāmṛta*  
 R68xI67 :11 Śrīnivāsa *Nyāyāmṛta prakāśa*  
 R68xI67 :12 Rāmācārya *Nyāyāmṛta taranginī*  
 R68xI67 :2 Vyāsātīrtha *Bhedojjīvana*  
 R68xI67 :21 Śrīnivāsa *Sarkara*  
 R68xI67 :3 Vyāsātīrtha *Tarkatāṇḍava*  
 R68xJ20 Vanamālī Miśra *Mādhvamukhālāṅkāra*  
 R68xK30 Viśvanātha Pancānana Bhaṭṭācārya *Bhedasiddhi*  
 R68xL50 Veṇīdattācārya *Bheda jayaśrī*
- R68 :5x1 Anandatīrtha. Brahmasutrabhāṣya**  
 R68 :5x11 Jayatīrtha *Tattvapraśāsikā*  
 R68 :5x111 Vyāsātīrtha *Tātparyā-candrikā*  
 R68 :5x1111 Rāghavendrātīrtha *Tātparyācandrikā-prakāśa*  
 R68 :5x112 Rāghavendrātīrtha *Tattvapraśāsikābhāva*
- R68 :5x2 Anandatīrtha. Brahmasutranuvyākhyana**  
 R68 :5x21 Jayatīrtha *Nyāyasudhā*  
 R68 :5x211 Rāghavendrātīrtha *Nyāyasudhā parimala*  
 R68 :5x212 Keśava *Śeṣavākyārtha candrikā*  
 R68 :5x214 Yadupadācārya *Yādupadīya*  
 R68 :5x218 Śrīnivāsa *Nyāyasudhā ṭīppaṇi*
- R68 :6x1 Ānandatīrtha *Bhagavadgītā bhāṣya*  
 R68 :6x3 Rāghavendra *Vivṛti*
- R68 :7x1 Ānandatīrtha *Bhāgavata-tātparyā nirṇaya*  
 R68 :7xK20 Vāmana *Srutikalpalatā*  
 R68 :8x1 Ānandatīrtha *Mahābhārata tātparyā-nirṇaya*

### R6891 BHEDABHEDA

- R6891 :5x1 Bhāskarācārya *Brahmasūtrabhāṣya*  
 R6891 :5x2 Baladeva *Vedānta sūtra bhāṣya or Govinda-  
bhāṣya*

### R6892 DVAITADVAITA

- R6892x1 Nimbārka *Daśaśloki or Vedāntasiddhāntaśāra*  
 R6892x11 Bhagavatpuruṣottamācārya *Vedāntaratnāmāñjūṣā*  
 R6892x2 Anantarāma *Vedānta tattva bodha*
- R6892 :5x1 Nimbarka. Vedānta-parijata saurabha**  
 R6892 :5x11 Śrīnivāsācārya *Vedānta kaustubha*



## PHILOSOPHY

- R6892:5x2 Devācārya *Siddhānta jāhnāvī*  
R6892:5x21 Sundara Bhaṭṭa *Dvaitādvaitasiddhāntasetukā*  
R6892:6x3 Keśavakāśmīrin *Tattvapraśāsikā*

### R6893 SUDDHADVAITA

- R6893x1 Vallabhācārya *Tattvārthadīpikā*  
R6893x111 *Vidyāvaijayanti*  
**R6893:5x1 Vallabhacarya. Anubhasya**  
R6893:5x11 Gosvāmi Śrī-Puruṣottamjee *Bhāṣya-prakāśā*  
R6893:5x12 *Bālabodhinī*  
R6893:5x14 Gosvāmi Śrī-Puruṣottamjee *Vedāntādhikāraṇḍ*  
*mālā*  
R6893:5x18 Vrajanātha Bhaṭṭa *Marīcīkā*  
R6893:7x1 Vallabhācārya *Bhāgāvātā-ṭīkā, Subodhinī*

### R693 JAIN PHILOSOPHY

#### *Classics*

- R693x1 **Umasvati. Tattvarthadhigama sutra**  
R693x11 Siddhasena Gaṇi *Tattvārtha ṭīkā*  
R693x12 Sāmantabhadra *Gandhastimahābhāṣya*  
R693x13 Pūjyapāda *Sarvārthasiddhi*  
R693x14 Akalaṅka *Tattvārthaṭīkāvyākhyālaṅkāra*  
R693x15 *Rājavārttika*  
R693x16 Vidyānanda *Slokavārttika*  
R693x17 Śrīvarddhadeva *Cūḍāmaṇi*  
R693x2:1 Kundakunda *Ṣaḍprābhṛta*  
R693x2:11 Śrutasāgara *Commentary*  
R693x2:2 Kundakunda *Samayasūraprābhṛta*  
R693x2:21 Amṛtacandra *Commentary*  
R693x2:3 Kundakunda *Aṣṭaprabhṛta*  
R693x2:4 Kundakunda *Pancāstikāya (Pancatthiyasāra)*  
R693x2:41 Amṛtacandra *Commentary*  
R693x2:5 Kundakunda *Prābhṛtasāra*  
R693x2:6 Kundakunda *Pravacanasāra*  
**R693x2:61 Amṛtacandra Commentary**  
R693x2:7 Kundakunda *Niyamasāra*  
R693x2:81 Kundakunda *Pavolinī*  
R693x2:82 Kundakunda *Rayasāra*

## PHILOSOPHY

- R693x7 Malliṣeṇa *Syādvādamanjarī*  
R693xD90:1 Amṛtacandra *Tattvārthasāra*  
R693xD90:2 Amṛtacandra *Puruṣārthasiddhyupāya*  
R693xD90:1 Nemicandra *Dravyasaṅgraha*  
R693xD98:2 Nemicandra *Trilokasāra*  
R693xD98:3 Nemicandra *Gommaṭasāra*  
R693xD98:4 Nemicandra *Labdhisāra*

### R694 BUDDHISTIC PHILOSOPHY

#### General.

- R694kx1 Kenjiu kasawara: *Dharmasaṅgraha*  
R694x8 Advayavajra: *Advayavajrasaṅgraha*

### R6941 HINAYANA

- R6941x3:1 Vasubandhu: *Abhidharmakośa*  
R6941x3:11 Yaśonitra: *Sphuṭārtha Abhidharmakośavyākhyā*  
R6941x3:2 Vasubandhu: *Gāthā-saṅgraha*  
R6941x3:3 Vasubandhu: *Paramārtha-saptati*  
R6941x4:1 Anuruddha: *Abhidhammatthasaṅgaha*  
R6941x4:2 Anuruddha: *Nāmarūpapariccheda*

### R6945 MAHAYANA

- R6945x1 *Prajñaptimata*  
R6945x2 *Buddhāvataṃsaka* including *Gaṇḍavyūha*  
R6945x3 *Daśabhūmika*  
R6945x4 *Ratnakūṭa*  
R6945x4:63 *Kāśyapa-parivartta*  
R6945x5 *Samādhirāja* or *Candraśāstra*  
R6945x6 *Suvarṇaprabhāsa*  
R6945x7 *Aśvaghoṣa Śrāddhotpādaśāstra* (*Awakening of faith*)

### R6946 YOGACARA

- R6946x1:1 Maitreyanātha: *Abhisamayālaṅkāra-Kārikā* or *Prajñā-pāramitopadeśa-śāstra*  
R6946x1:2 Maitreyanātha: *Yogācāra Bhūmi-śāstra* or *Sapta daśa-Bhūmi-śāstra* including *Bodhisattva-bhūmi*  
R6946x1:3 Maitreyanātha: *Mahāyāna-sūtrālaṅkāra*  
R6946x2:1 Asaṅga: *Mahāyāna-saṃparigraha*

## PHILOSOPHY

- R6946x2:2 Asanga : *Prakarāṇa-āryavācā*  
 R6946x2:3 Asanga : *Mahāyānābhīdharmasamgīti-śāstra*  
 R6946x3:1 Vasubandhu : *Vimśatīkā*  
 R6946x3:2 Vasubandhu : *Trimśatīkā*  
 R6946x4:1 Śāntarakṣita : *Tattva sāṅgraha*  
 R6946x4:11 Kamalaśīla : *Pañcīkā*  
 R6946x5 *Lankāvatāra Sūtra*

### R6947 MADHYAMIKAS

- R6947x1:1 Nāgārjuna : *Mādhyamika sūtras*  
 R6947x1:11 Nāgārjuna : *Akutobhaya*  
 R6947x1:12 Buddhapālita : *Mūlamādhyamikavṛtti*  
 R6947x1:13 Bhāvaviveka : *Prajñāpradīpa*  
 R6947x1:17 Candrakīrti : *Prasannapadā*  
 R6947x1:2 Nāgārjuna : *Yuktiśaṣṭīkā*  
 R6947x1:3 Nāgārjuna : *Śūnyatāsaptati*  
 R6947x1:4 Nāgārjuna : *Pratītya-samutpādahṛdaya*  
 R6947x1:5 Nāgārjuna : *Mahāyanavimśaka*  
 R6947x1:6 *Prajñāpāramita-Sūtra-śāstra*  
 R6947x1:7 *Daśabhūmi-Vibhāṣāśāstra*  
 R6947x1:8 *Ekaśloka Sūtra*  
 R6947x2:1 Āryadeva : *Catuhśataka*  
 R6947x2:17 Candrakīrti *Commentary*  
 R6947x2:2 Āryadeva : *Cittaviśuddhi-Prakarāṇa*  
 R6947x2:4 Āryadeva : *Hastavala-prakarāṇa* or *Muṣṭi-prakarāṇa*  
 R6947x2:5 Āryadeva : *Akṣaraśataka*  
 R6647x3 *Sthiramayī*  
 R6947x4:1 Diñnāga : *Nyāyapreveśa*  
 R6947x4:2 Diñnāga : *Pramāṇasamkhyā*  
 R6947x5 Dharmapāla  
 R6947x6:1 Dharmakīrti-*Nyāyabindu*  
 R6947x6:11 Dharmottari *Nyāyabinduṭīkā*  
 R6947x6:2 Dharmakīrti *Santānāntarasiddhi*  
 R6947x6:3 Dharmakīrti : *Vādanyāya*  
 R6947x7:1 Candrakīrti : *Mādhyamakāvatāra*

## S PSYCHOLOGY

S [E]: [P]

S-[E]: [P]

<i>Divisions based on the train of</i>	7	<b>Race</b>
<b>Entity or E</b>		<i>To be divided by the</i>
<i>Characteristic</i>		<b>Geographical Device</b>
1 <b>Child</b>	76	Negro
11     New born	8	<b>Social</b>
12     Toddler		<i>To be subdivided as the</i>
13     Infant		<i>group divisions of Y1 Sociology</i>
15     Pre-adolescent	9	<b>Animals (genetic)</b>
2 <b>Adolescent</b>		<i>Divisions based on the train of</i>
21     Boys		<b>Problem or P</b>
25     Girls		<i>Characteristic</i>
3 <b>Post-adolescent</b>	1	<b>Nervous System</b>
35     Middle age		<i>(To be divided as the</i>
38     Old age		<i>Organ Number 7 of</i>
4 <b>Vocational</b>		<i>schedule L)</i>
5 <b>Sex</b>	2	<b>Sensation</b>
51     Male	21	Static senses, equili-
55     Female		brium,      position,
58     Eunuch		<i>etc.</i>
6 <b>Abnormal</b>	22	Taste
61     Genius	23	Hearing
62     Idiot	24	Smell
63     Insane	25	Sight
64     Sick and infirm	27	Touch
65     Criminal	28	Cutaneous      senses,
67     Deaf and dumb		pressure and joint
68     Blind	29	senses
6916   Left handed	291	Other senses
		Other organic senses

## PSYCHOLOGY

3	<b>Characters of consciousness</b>	523	Joy
		524	Anger
31	Attention	526	Fear
311	Apperception	53	Affection, hatred
315	Selection	55	Love
318	Abstraction	56	Anxiety
32	Association	57	Sentiments, interest
34	Work, fatigue		
35	Habit, accommodation, adaptation, complacency	6	<b>Conation and movement</b>
		61	Dynamogenesis, inhibition
38	Time relations of consciousness, mental chronometry	62	Instinct, impulse (imitation and play)
		63	Reflexation
4	<b>Cognition, conception</b>	64	Conscience
		65	Volition and effort
41	Conception of idea	68	Special motor functions
42	Conception of time, space and motion	682	Speech and song
43	Memory, imagination, remembering, forgetting	6821	Soliloquy
		6822	Dialogue
		6823	Debate
44	Reasoning, thinking, judgment, belief	6825	Public speech
		6828	Song
45	Reflection, self-consciousness	683	Walking
		685	Seeing
46	Normal illusions, normal suggestions	686	Handwriting and drawing
47	Opinion	7	<b>Personality, ego, character</b>
5	<b>Feeling, emotion, affection</b>	71	Vitality
		72	Intelligence
51	Pleasantness, unpleasantness	73	Ability
		7395	Transfer of ability
52	Emotions	74	Character
521	Laughter	743	Fairmindedness

## PSYCHOLOGY

75	<b>Temperament</b>		<b>Applicable to Problem</b>
76	Intuition		<b>Divisions '2' and '3'</b>
77	Opinion	2	Anatomy
78	Psychic powers	3	Physiology
791	Longevity	31	Reflex functions
793	Endurance	35	Automatic functions
794	Immunity	4	Pathology
795	Acclimatization	5	Psycho-physics
796	Drug habit	6	Psychometry
<b>8</b>	<b>Metapsychology</b>	<b>8</b>	Measurement of sensation
81	Sleep		
811	Dreams		
813	Hallucinations		<b>Schools of Psychology</b>
815	Unconscious, sub-conscious		<b>by Chronological Device</b>
			<i>(Illustrative)</i>
851	Hypnotism, mesmerism	SM62	Experimental
852	Suggestion	SM95	Psycho-analytic
86	Psycho-therapy (alternative)	SN12	Gestalt
		SN13	Behaviouristic
		SN14	Individualistic
<b>9</b>	<b>Applications</b>	SN17	Reflexology
	<i>Divisions based on the train of</i>	SN25	Eidetic and typological
	<b>Point of View or V</b>	SN36	'We'
	<i>Characteristic</i>		

## T EDUCATION

T [E]: [P]

<p><i>Divisions based on the train of Educand or E</i> <i>Characteristic</i></p> <p><b>1</b>     <b>Pre-secondary</b> 13     Pre-school child 15     Elementary</p> <p><b>2</b>     <b>Secondary</b> 25     Intermediate</p> <p><b>3</b>     <b>Adult</b> 31     Literate 35     Foreigner 38     Illiterate</p> <p><b>4</b>     <b>University</b> 42     Pass 43     Honours 45     Post-graduate 48     Research</p> <p><b>5</b>     <b>Sex</b> 51     Male 55     Female</p> <p><b>6</b>     <b>Abnormal</b> 61     Genius 62     Idiot 63     Insane 65     Criminal 67     Deaf and dumb 673    Stammerers 68     Blind</p>	<p><b>7</b>     <b>Backward classes</b> 9     Other classes</p> <p style="text-align: center;"><i>To be divided by the Subject Device</i> <i>(illustrative)</i></p> <p>9Y131 Rural community 9Y152 Aristocracy 9Y154 Military classes</p> <p style="text-align: center;"><i>Divisions based on the train of Problem or P</i> <i>Characteristic</i></p> <p><b>1</b>     <b>Nomenclature etc.</b> <b>2</b>     <b>Schools of Education</b></p> <p style="text-align: center;"><i>Divisions by the Chronological Device</i> <i>(illustrative)</i></p> <p>2J92 Commenius, object teaching 2L12 Rousseau's school 2L24 Kant's school 2L50 Pestalozzi's school 2L62 Fichte's school 2L76 Herbart's school 2L82 Froebel's kindergarten 2L96 Mann's school 2M58 Manual training 2N00 Platoon school 2N12 Montessori school</p>
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## EDUCATION

2N15	Project method	44	Curriculum
2N20	Dalton plan	441	Text books
<b>3</b>	<b>Teaching technique</b>	445	Extra-curricular activities
	<i>(To be divided by the Subject Device with the following modification</i>	4451	Books
		4452	Library books
In the case of	Linguistics	45	State, community and education
omit the stage number and instead of the language numbers put the following :		451	Board of Education
		4515	Compulsory education
1	Mother Tongue	452	Community and education
5	Foreign language	4528	Parent associations
8	Classical language)	455	Employment and vocational guidance
<b>4</b>	<b>Organisation</b>	457	Inspection
41	Admission, fees, scholarship, term	46	Finance
411	Admission		<i>To be subdivided as 7 Public Finance of X Economics</i>
412	Fees, scholarship	467	Grants
4125	Research fellowship	47	Educational measurements
413	Term, holidays, attendance	471	Intelligence tests
414	Classes, Grades		<i>Subdivisions by the Chronological Device (illustrative)</i>
415	Time-table	471N05	Binet-Simon
417	Residence	471N19	Terman
42	Library	471N23	Block-design tests
43	Personnel, class room management	471N24	Form board and performance tests
431	Administrative (Head m a s t e r, principal, dean)	471N26	Drawing tests
432	Assistants	471N30	Brain tests
435	Class room management	471N31	Merrill-Palmer tests
4356	Rewards, punishments	472	Achievement tests
438	Supervising staff		



## EDUCATION

475	Examination, marking	7	<b>Students' social life and organisation</b>
4751	Examination papers	71	International
477	Interview, <i>viva voce</i>		students' organisation
478	Diplomas, leaving certificates	76	Leisure
48	Management		<b>Special topics</b>
484	Consolidation	8	Medium of instruction
		81	Study methods
<b>5</b>	<b>School hygiene and physical education</b>	<b>83</b>	Co-operation and competition
		84	Visual instruction
51	Hygiene of the child		Radio and education
54	Medical inspection	85	Correspondence courses
55	Games, physical training	86	
		88	
<b>6</b>	<b>School building, furniture</b>	<b>893</b>	Debates

## U GEOGRAPHY

U [P]: [G]: [C]

<i>Divisions based on the train</i>		2	
	<i>of Problem or P</i>	21	<b>Physical geography</b>
	<i>Characteristic</i>	25	<b>Geomorphology</b>
1	Mathematical geography	251	<b>Oceanography</b>
11	Cartography	252	Extension
111	Scale	253	Surface
112	Delineation of the ground	254	Deep sea soundings and relief of the ocean floor
114	Measurement of distance	255	Oceanic deposits
115	Map printing	2552	Properties of the sea water
117	Maps with a special purpose	2553	Physical
12	Map projection	256	Chemical
13	Relief map	2562	Oceanic circulation
14	Globe	28	Currents
16	Movement of earth.	281	<b>Meteorology</b>
	Seasons	282	Weather
161	Spring		Atmospheric pressure
162	Summer	283	Wind
163	Autumn	2831	Velocity
164	Winter	2835	Storm
18	Topographical survey	284	Temperature
		285	Humidity
181	Land survey	2853	Clouds
182	Latitude and longitude	2855	Rainfall
		2856	Dry condition
1823	Longitude	286	Other physical and chemical phenomena
1824	Latitude		Physical
185	Hydrographical survey	2862	

## GEOGRAPHY

28627	Magnetic	45	Population
2863	Chemical	47	Reaction of man and environment
287	Climate		(Human geography)
288	Cosmic meteorology		
2891	Weather forecasting		
29	Other regions	5	Political geography
294	Stratosphere	54	Military geography
296	Ionosphere		
3	<b>Biogeography</b>		<b>Economic geography</b>
33	Paleogeography		Trade routes
35	Floral	641	Railways
36	Faunal	6415	Oceanic routes
37	Reaction of organism and environment	6425 6435	Air routes
		67	<b>Resources (alternative to place in X Economics)</b>
4	<b>Anthropogeography</b>		
41	Race-distribution		Natural
42	Migration	671	Industrial
421	Inland	672	
425	Emigration	8	Travels, expeditions, voyages
426	Immigration		

## V HISTORY

V [G]: [P]:[C]

<i>Divisions based on the train of</i>			
	<b>Problem or P</b>		
	<i>Characteristic</i>		
		2511	Liberty of person <i>To be subdivided as the Law Number '11' of 'Z Law')</i>
1	<b>Political and general</b>	2512	Liberty of family <i>(To be subdivided as the Law Number '12' of 'Z Law')</i>
12	Home policy	252	Right of property
17	Colonial policy	253	Freedom of contract
18	Mandatory policy	254	Freedom of public meeting
19	Foreign policy	255	Franchise
2	<b>Constitutional</b>	256	Sanctity of private correspondence
21	<b>Crown, president</b>	257	Freedom of expres- sion of opinion
211	Consort	258	Other rights <i>(To be divided by the Subject Device) (Illustrative)</i>
212	Heir	258Q	Freedom of belief and conscience
213	Other children	258T	Education
22	<b>Executive</b>	258U42	Liberty of migra- tion and move- ment
221	Prime minister	258W28	Equal eligibility for office
23	<b>Legislature</b>	258X	Freedom of trade and industry
231	First house	258Y5	Work
232	Second house		
235	Members		
236	Parliamentary com- mittees		
237	President		
238	Administrative staff		
2392	Referendum		
24	<b>Political parties</b>		
25	<b>Political rights and duties</b>		

## HISTORY

258Y8	Freedom of association	67	Literature
	tion	68	Language
258Z	Equality before law	7	<b>Archaeology, epigraphy, etc.</b>
259	Duties		Archæology
2591	Loyalty, allegiance	71	Epigraphy, inscriptions, etc.
2594	Military service	72	Numismatics, seals, etc.
2598	Other duties		Genealogy
	<i>(To be divided by the Subject Device)</i>	73	Heraldry
26	<b>Local bodies</b>	74	Chronology
	<i>(To be subdivided as 2 substituting Standing Committees in the place of Local bodies)</i>	75	<b>Archives</b>
		76	Colonial correspondence
27	<b>Judiciary</b>	8	Diplomatic correspondence
28	<b>Administration</b>	817	Minutes of the executive
3	<b>Economic</b>	819	Proceedings of the legislature
4	<b>Military, naval and aerial</b>	822	Administrative records
41	Military	823	<i>(To be divided by the Subject Device)</i>
45	Naval	828	Military, etc., records
48	Aerial		
5	<b>Cultural</b>		
6	Tradition, language and literature as sources	84	
66	Tradition		

## W POLITICAL SCIENCE

W [T]: [P]

<i>Divisions based on the train of</i>	14	Declaration of the result
<b>Type of state or T</b>		
<i>Characteristic</i>	15	Objection petition
1 Anarchy	18	Returning officer
2 Primitive forms. tribal institutions		<i>Special methods by the Chronological device (Illustrative)</i>
3 Feudal institutions		
4 Monarchy	1M57	Proportional representation
41 Absolute monarchy		
46 Limited monarchy		
5 Oligarchy	2	<b>Parts of Govern- mental organisa- tion</b>
6 Democracy		
61 Representative	21	<b>Crown, president</b>
62 Direct	211	Viceroy
64 Dictatorship	212	Governor
691 Communism	22	<b>Executive</b>
7 Utopia	23	<b>Legislature</b>
8 Change of form of state	24	<b>Party organisation</b>
81 Revolution	25	<b>Party in opposition</b>
87 Passive resistance and non-violence	26	<b>Local bodies</b>
	261	Urban local bodies
	263	Larger rural local bodies
<i>Divisions based on the train of</i>		
<b>Problem or P</b>		
<i>Characteristic</i>	264	Primary rural local bodies
1 <b>Election method</b>	268	<i>Ad hoc</i> bodies for special functions
11 Nomination		
12 Polling		<i>(To be divided by subject device)</i>
13 Counting		

## POLITICAL SCIENCE

<i>Divisions of W based on</i>	3Q	State and religion
<b>Problem or P</b>	3T	State and education
<i>Characteristic</i>	3X4	State and transport facilities
<i>are to be applied to 26</i>	3X415	State and railways
<i>and subdivisions of 26 so far as they are applicable substituting Standing</i>	4	<b>Relation of the state with special classes of people</b>
<b>Committees in the place of Local bodies</b>	45	Foreigners
<i>with the proviso that if applied directly to 26, a zero is to be added to 26</i>	47	Backward classes
27	5	<b>Relation of the state with citizens (civic rights and duties)</b>
<b>Judiciary</b>		<i>(To be subdivided as the Point of View Number '25' in 'V History')</i>
271		7
Supreme court		<b>Relation with constituent and subordinate states</b>
372		72
Federal court		Federal
273		77
High court		Imperial
275		78
District court		Mandatory
276		91
Subordinate court		<b>Foreign relation</b>
2793		911
Bar		Diplomacy
28		91194
<b>Administrative machinery, permanent executive. civil service</b>		Espionage
		914
		War
3		9141
<b>Functions of Government</b>		Defence
<i>Subdivisions by the subject device (Illustrative)</i>		915
32		Peace
State and library provision		9154
		Disarmament

## X ECONOMICS

X [B]: [E]: [G]: [C]

X-[B]: [E]: [G]: [C]

<i>Divisions based on</i>	6131	Gold
<i>the train of Business or B</i>	6132	Silver
<i>Characteristic</i>	614	Paper money
<b>4 Transport</b>	615	Bimetallism
41 Land transport	619	International coin- age
411 Roads, highways	<b>62</b>	<b>Banking</b>
412 Vehicles drawn by muscular power	621	Rate of interest
413 Motor vehicles	622	Regulation of loans
415 Railways	623	Discount
4151 Street railways	624	Reserves
4153 Provincial	625	Special payments
4155 International	626	Cheques and clearing houses
42 Water transport	627	Mechanism of ex- change
421 Canal	<b>64</b>	<b>Money market</b>
423 River	<b>65</b>	<b>Investment</b>
424 Lakes	651	Stocks
425 Oceanic	652	Securities
428 Ports	6521	Public, state
43 Air transport	6522	Public, municipal
45 Communications	6523	Industrial
46 Post	654	Lotteries, chitfunds
47 Telegraph	66	Money-lending
48 Telephone	661	Usury
<b>6 Finance</b>	663	Liquidation
<b>61 Money and cur- rency</b>	664	Extinction
611 Denomination	<b>69</b>	<b>Types of banks</b>
613 Precious metals	691	Central and reserve



## ECONOMICS

6912	Federal reserve	73	Revenue from state-owned properties
692	Industrial		
695	Commercial	74	Revenue from commercial and industrial undertakings
696	Mortgage		
6961	Land mortgage		
6966	Pawn mortgage	75	<b>Public loans</b>
6991	International settlement	751	Public loans in relation to state policy
7	<b>Public finance</b>	752	Creation of debt; forms of loans
71	Income and expenditure, budget	753	Sinking funds, conversion, liquidation, insolvency
72	<b>Taxation</b>		
721	Poll-tax	755	Foreign loans and foreign debts
722	Property tax		
723	Land tax	76	<b>Expenditure</b>
7232	Irrigation tax	796	Local public finance
724	Income-tax		
7241	Income from investments	8	<b>Insurance</b>
7242	Income from government bonds	81	Child
7243	Income from business	83	Life
	<i>To be divided by business</i>	85	Marriage
7244	Salary	86	Maternity
7245	Foreign income	88	Industrial
725	Profession tax	89	Accidents
726	Inheritance tax	891	Fire
729	<b>Indirect taxes</b>	892	Unemployment
7291	Taxes on articles of consumption; raw materials and manufactures	894	Sickness
		895	Marine
7292	Stamp duty	896	Bad debt. Credit
7293	Licence fees	9	<b>Other businesses</b>
	<i>To be divided by commodity</i>		<i>Divisions by the</i>
72991	Death duty		<b>Subject Device</b>
			<i>(Illustrative)</i>
		X9F182	Iron industry
		X9F551	Coal industry
		X9J	Agricultural economics
		X9JA	Lumber industry

## ECONOMICS

X9M13	Paper industry	46	Cost of entire trans- port
X9M7	Textile industry		
X9MH2331	Clay industry	48	Management of transport
X9MJ452	Cigar industry		
	<i>Divisions based on</i>	<b>5</b>	<b>Commerce</b>
	<b>Economics or E</b>	<b>51</b>	<b>Marketing</b>
	<i>Characteristic</i>	<b>511</b>	<b>Survey</b>
<b>1</b>	<b>Consumption</b>	<b>512</b>	<b>Advertising</b>
16	Standard of living	5121	<b>Canvassing</b>
17	Economic conserva- tion	517 518	<b>Monopoly</b> <b>Dumping</b>
<b>2</b>	<b>Production</b>	<b>52</b>	<b>Retailing</b>
26	Cost of production	525	<b>Retailing store</b>
27	Resources	<b>53</b>	<b>Tariff</b>
271	Natural	531	<b>Protection</b>
272	Industrial	5311	<b>Imperial preference</b>
28	Management of pro- duction	533 535 536	<b>Free trade</b> <b>Export duty</b> <b>Import duty</b>
<b>3</b>	<b>Distribution</b>		
31	Personal. National income	<b>54</b>	<b>Exports and im- ports</b>
32	Functional	545	<b>Exports</b>
321	Consumer	546	<b>Imports</b>
322	Land. Rent	55	<b>Storage</b>
325	Trader	56	<b>Financing</b>
326	Capitalist. Interest	<b>57</b>	<b>Foreign exchange</b>
328	Organiser. Profit	575	<b>Balance of trade</b>
329	Labour. Wages	58	<b>Management of com- merce</b>
3M24	Socialism		<b>Internal trade</b>
3N20	Social credit	591	
<b>4</b>	<b>Transport</b>		
41	Packing	<b>6</b>	<b>Financing</b>
42	Collection, distribu- tion	<b>7</b> <b>73</b>	<b>Value</b> <b>Supply and demand</b>
44	Haulage		<i>Laissez-faire</i>
446	Rate, freight	731	<b>Demand</b>
45	Warehousing	732	<b>Supply</b>

## ECONOMICS

74	Business cycle	9	<b>Labour</b>
741	Boom	91	<b>Labour systems</b>
742	Depression	911	Child labour.
746	Recovery measures	912	Apprentice labour
75	Artificial control.	913	Free labour
	Planned economy	915	Woman labour
76	Price	9162	Slave labour
8	<b>Management</b>	9163	Peonage; compulsory labour
81	Employer, ownership	9165	Convict labour
82	Employees	9166	Immigrant labour
828	Executive	9168	Blind labour
83	Planning, prospecting	919	Other systems
84	Equipment	92	<b>Labour market</b>
845	Purchasing	921	Seasonal variation
85	Records, filing	922	Unemployment
86	Investments	923	Labour and trusts
87	Accounts	925	Employment agencies
871	Budgeting	926	Labour and machinery
872	Book keeping		
873	Cost accounting	93	<b>Skilled and unskilled labour, training</b>
8732	Prime cost		
8733	Shop expenses		
8738	Oncost	94	<b>Housing and social conditions of labour and labour hygiene</b>
8739	Types of cost accounts		
87391	Terminal or contract		
87392	Process	941	Housing
87393	Operating	943	Physiological study
87394	Multiple	9434	Fatigue study
87395	Output	944	Industrial poisons and diseases; dust, vapour, heat, cold, moisture, pressure, air
874	Depreciation		
875	Reserve fund		
877	Valuation		
878	Balance sheet		
88	Audit	945	<b>Dangerous occupations; accidents</b>
893	Conduct of meetings		

## ECONOMICS

946	Standard of life		<b>X7—:[E]</b>
948	Welfare institutions		<i>Special divisions based on the train of Economic characteristic for '72 Taxation' and its subdivisions</i>
<b>95</b>	<b>Service conditions</b>		
951	Hours	<b>1</b>	<b>Incidence</b>
9511	Overtime	<b>11</b>	Equal taxation
9512	Rest	<b>12</b>	Proportional taxation
952	Wages		
9528	Profit-sharing	<b>124</b>	Specific
953	Leave	<b>127</b>	<i>Ad valorem</i>
955	Compensation	<b>13</b>	Progressive taxation
956	Retirement allowance	<b>2</b>	<b>Exemption</b>
		<b>3</b>	<b>Distribution</b>
957	Tenure	<b>32</b>	Double taxation
958	Insurance		
9582	Unemployment benefit	<b>5</b>	<b>Effect on Industries and Commerce</b>
<b>96</b>	<b>Trade unions</b>		<i>Special Types of</i>
<b>97</b>	<b>Strikes</b>		<b>Organisation by the</b>
971	General strikes		<b>Chronological Device</b>
972	Sympathetic strikes		<i>(Illustrative)</i>
973	Boycott	XM25	Co-operative
974	Black listing	XM55	Joint stock company
975	Lockouts	XM85	Trust (American)
976	Sabotage	XN12	Public utility
977	Arbitration	XN17	Communitic

## Y OTHER SOCIAL SCIENCES

Y1 [G]: [P]: [S]: [Gg]: [C]

	<b>Y1 SOCIOLOGY</b>	<b>5</b>	<b>Groups arising</b>
	<i>Divisions based on the train of</i>		<b>from birth or</b>
	<b>Group or G</b>		<b>status</b>
	<i>Characteristic</i>		
		51	Royalty
<b>1</b>	<b>Groups arising</b>	52	Aristocracy
	<b>from age and sex</b>	53	Middle class
<b>11</b>	Children	54	Military class
	<i>(To be subdivided as in</i>	55	Aliens
	<b>'S Psychology')</b>	57	Depressed class,
<b>12</b>	Youths		slums
<b>13</b>	Old persons	591	Groups arising from
<b>15</b>	Women		titles of distinction
<b>16</b>	Men	592	Groups arising from
<b>2</b>	<b>Family</b>		caste
	<i>To be subdivided as in</i>	5922	Twice-born, <i>Dvijas</i>
	<b>'R 4 Ethics'</b>	5923	Brahmans
<b>3</b>	<b>Groups arising</b>	5924	Kshatriyas
	<b>from residence</b>	5925	Vaisyas
<b>31</b>	Rural community	5926	Sudras
<b>33</b>	Urban community		
<b>35</b>	City community	<b>6</b>	<b>Abnormals and de-</b>
<b>38</b>	Nation		<b>fectives</b>
<b>396</b>	Mountain community		<i>(To be subdivided as in</i>
			<b>'S Psychology')</b>
<b>4</b>	<b>Groups arising</b>	<b>7</b>	<b>Race as a social</b>
	<b>from occupation</b>		<b>group</b>
<b>41</b>	Professional	<b>71</b>	<b>Prehistoric</b>
<b>45</b>	Commercial	<b>7114</b>	Tertiary
<b>48</b>	Leaders	<b>7115</b>	Quaternary
<b>49</b>	Working class	<b>714</b>	Stone age
<b>491</b>	Serfs	<b>7142</b>	Eolithic
<b>492</b>	Slaves	<b>7143</b>	Paleolithic

## OTHER SOCIAL SCIENCES

7144	Mesolithic	85	Nunneries
7145	Neolithic	9	<b>Groups arising from other causes</b>
718	Metal age		<i>To be subdivided by the</i>
7183	Copper and bronze		<b>Subject Device</b>
7188	Iron		<i>Divisions based on the train of</i>
7196	Lost races		<b>Problem or P</b>
71961	Gandvans		<i>Characteristic</i>
71963	Lemurians	1	<b>Civilisation. Culture</b>
71965	Atlantic race	2	<b>Physical features and characters</b>
72	<b>Primitive</b>		
73	<b>Ethnologic divisions</b>	21	Weight
738	Gypsies	22	<b>Measurements</b>
	<i>Other divisions by the</i>	221	Linear
	<b>Subject Device</b>	222	Area
	<i>(Illustrative)</i>	223	Volume
73MY6	Nomadic	23	<b>Proportion</b>
73P1	Aryan	24	<b>Abnormalities</b>
73P11	Teutonic	241	Size
73P114	Nordic	2411	Dwarf
73P128	Celtic	2412	Giant
73P14	Slav	242	Shape
73P15	Hindu	243	Position
73P2	Semitic	244	Fixation
73P_5	Jewish	245	Number
73P28	Arabic	246	Total absence
73P3	Dravidian	247	Lateral interchange
73P41	Mongolian	25	<b>Colour</b>
74	<b>Territorial divisions</b>	27	<b>Functioning</b>
	<i>To be got by the</i>	2922	Taste
	<b>Geographical Device</b>	2924	Smell .
		2927	Touch
8	<b>Groups arising from association</b>	293	Strength
		294	Temperature
81	Secret societies	3	<b>Activities, Attitudes</b>
82	Freemasons		<i>To be divided as the</i>
83	Friendly societies		<b>Problem Divisions of R4 Ethics</b>
84	Monasteries		<i>with the following modifications</i>

## OTHER SOCIAL SCIENCES

<b>34</b>	<b>Ceremonials</b>	<i>Each division of 38 to be divided as the Entity Divisions <math>\Delta</math> and by the Subject Device and a '0' to be added after '38' if the Entity Number or Subject Number is to be directly applied to it</i>
341	Childhood	
3411	Naming	
342	Adolescence	
343	Adulthood	
344	Old age	
345	Funerals	<b>Other Activities and Attitudes</b>
346	Anniversaries	<i>To be got by the</i>
348	Inauguration	<b>Subject Device</b>
	<i>To be subdivided by the</i>	<b>4 Social pathology</b>
	<b>Subject Device</b>	<b>41 Intemperance</b>
	<i>(Illustrative)</i>	411 Alcoholism
348D	Buildings	412 Tobacco habit
348U8	Travel	413 Opium habit
348W021	Coronation	414 Other drug habits
	<i>Other ceremonials by the</i>	<b>42 Degeneration</b>
	<b>Subject Device</b>	421 Physical
35	'As if' activities	423 Mental
351	Folklore	425 Moral
354	Superstitions	426 Spiritual
356	Traditions. Customs	<b>43 Destitution</b>
	<i>Each division of 35 to be subdivided as the</i>	431 Widowhood
	<b>Entity Divisions of <math>\Delta</math> and</b>	432 Orphanhood
	<i>by the Subject Device</i>	433 Unemployment
	<i>and a '0' to be added after '35' if</i>	434 Poverty
	<i>the Entity Number or Subject</i>	435 Disasters
	<i>Number is to be directly</i>	4351 Fire
	<i>applied to it</i>	4353 Famine
		4354 Pestilence
		4355 Floods
<b>38</b>	<b>Symbolism</b>	436 Earthquake
381	Material. Totem.	437 Accidents
	Flags	438 War
382	Ideas	<b>44 Social evil</b>
383	Sound	<b>45 Crime</b>
384	Graphic	<i>(To be subdivided as in 'Z Law')</i>
386	Gesture	46 Short life
388	Script	48 Disunion
		484 Espionage

## OTHER SOCIAL SCIENCES

<p>49 Other ills</p> <p>492 Slavery</p> <p style="padding-left: 2em;"><i>To be further subdivided by the Subject Device</i></p> <p>5 Population problem</p> <p>51 Under-population</p> <p>52 Over-population</p> <p>55 Sex-proportion</p> <p>7 Personality</p> <p style="padding-left: 2em;"><i>To be divided as in S Psychology</i></p> <p>8 Equipment</p> <p>81 Habitat and residence</p> <p style="padding-left: 2em;"><i>To be divided as the Utility Divisions of N1 Architecture</i></p> <p>82 Utensils</p> <p>823 Cooking</p> <p>825 Drinking</p> <p>828 Storing</p> <p>83 Implements</p> <p>831 Fire</p> <p style="padding-left: 2em;"><i>Other divisions by the Subject Device (Illustrative)</i></p> <p>83C4 Heating devices</p> <p>83C5 Lights, lamps</p> <p>83J Agricultural implements</p> <p>83M7 Textile implements</p> <p>83P18 Writing implements</p> <p>84 Transport—track</p> <p style="padding-left: 2em;"><i>To be divided as the Business Division 4 of X Economics</i></p>	<p>85 Transport—Vehicle</p> <p style="padding-left: 2em;"><i>To be divided as the Business Division 4 of X Economics</i></p> <p>86 Ornaments</p> <p style="padding-left: 2em;"><i>To be divided as the Regional Organ Divisions of L Medicine (illustrative)</i></p> <p>8631 Toe ring</p> <p>8633 Anklets</p> <p>8637 Waist cord</p> <p>8666 Bangles</p> <p>8668 Rings</p> <p>867 Necklaces</p> <p>8683 Ear rings</p> <p>8684 Nose rings</p> <p>8687 Crown—Head ornaments</p> <p>8688 Ornaments for hair</p> <p>8697 Tattooing</p> <p>88 Apparel</p> <p>91 Nomenclature etc.</p> <p style="padding-left: 2em;"><i>To be divided as in G Natural Science</i></p> <p style="padding-left: 2em;"><i>Divisions based on the train of Secondary Problem or S Characteristic</i></p> <p style="padding-left: 2em;"><i>For Problem Divisions 1, 3, 7, 8</i></p> <p>1 Nomenclature, etc.</p> <p style="padding-left: 2em;"><i>To be divided as in G Natural Science</i></p> <p>5 Influence. Contact</p> <p>6 Genetic or comparative study</p> <p>62 Variation, natural selection</p> <p>65 Hybridisation (cultural)</p>
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## OTHER SOCIAL SCIENCES

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75	Ecological methods	5T	Educational
76	Phylogenetic methods	5U 5X	Congregational Occupational
77	Ontogenetic methods	5Y 5Z	Family system Legislative
	<i>For Problem Division 2 Same as the</i>	6	Treatment
	<b>Organ Divisions of L Medicine</b>	61	Detection, police
		62	Prison
		63	Banishment
	<i>For Problem Division 4 (May also called</i>	64	Extermination
	<b>Handling or H Characteristic)</b>	65	Asylum, correction
		66	Work house
		67	Relief work
1	Nomenclature, etc.	68	Charity
2	Etiology	69	Other methods
3	Diagnosis	691	Corporeal punish- ment
4	Experimentation		
5	Prevention		
	<i>Subdivisions by the Subject Device (Illustrative)</i>		<i>For Problem Division 5 same as for Problem Division 4 with suitable modifications in Terminology</i>

## Z LAW

Z [C]: [L]: [P]

Z1 A: [L]: [P]

Z1 B: [L]: [P]

Z1 C: [L]: [P]

Z1 D: [L]: [P]

<p><i>Divisions based on the train of</i> 153</p> <p style="padding-left: 2em;"><b>Community or C</b> 155</p> <p style="padding-left: 4em;"><i>Characteristic</i> 1556</p> <p><i>(To be got by Geographical</i> 156</p> <p><i>Device and by Subject Device)</i> 1591</p> <p><i>Divisions based on the train of</i></p> <p style="padding-left: 2em;"><b>Law or L</b> 16</p> <p style="padding-left: 4em;"><i>Characteristic</i> 163</p> <p><b>1 Legal person</b> 164</p> <p><b>11 Divisions arising</b> 165</p> <p style="padding-left: 2em;"><b>from age and sex</b> 166</p> <p><b>111 Minor</b></p> <p><b>1133 Guardian</b></p> <p><b>115 Woman</b> 17</p> <p><b>12 Family</b> 171</p> <p><b>121 Husband and wife;</b> 1712</p> <p style="padding-left: 2em;"><b>marriage</b> 1717</p> <p><b>1214 Concubinage</b> 1718</p> <p><b>122 Parents and children</b> 172</p> <p><b>1224 Children of mixed</b> 173</p> <p style="padding-left: 2em;"><b>marriages</b> 1734</p> <p><b>1225 Adopted children</b> 175</p> <p><b>138 Illiterate</b> 18</p> <p><b>1492 Slave</b> 186</p> <p><b>15 Divisions arising</b> 19</p> <p style="padding-left: 2em;"><b>from birth or</b></p> <p style="padding-left: 4em;"><b>status</b> 191</p> <p><b>151 Royalty</b> 192</p> <p><b>152 Aristocracy</b></p>	<p><b>Pope</b></p> <p><b>Aliens</b></p> <p><b>Domiciled aliens</b></p> <p><b>Nationals</b></p> <p><b>Diplomatic agents</b></p> <p><b>Abnormals</b></p> <p><b>Insane</b></p> <p><b>Sick and infirm</b></p> <p><b>Criminals</b></p> <p><b>Insolvents, bank-</b></p> <p style="padding-left: 2em;"><b>rupts</b></p> <p><b>State</b></p> <p><b>Sovereign state</b></p> <p><b>Federal state</b></p> <p><b>Colony</b></p> <p><b>Mandatory</b></p> <p><b>Tribal</b></p> <p><b>Neutral</b></p> <p><b>Armed neutral</b></p> <p><b>Belligerent. Foreign</b></p> <p><b>Corporations</b></p> <p><b>Charities</b></p> <p><b>Other legal per-</b></p> <p style="padding-left: 2em;"><b>sonalities</b></p> <p><b>Idol</b></p> <p><b>Mutt, Mosque,</b></p> <p style="padding-left: 2em;"><b>Church</b></p>
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## LAW

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## LAW

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# COLON CLASSIFICATION

BY

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## PART III

INDEX TO THE SCHEDULES



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THE MADRAS LIBRARY ASSOCIATION

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## HOW TO USE THE INDEX

The index consists of two sections. The first section constitutes an alphabetic index to the fundamental constituent terms in the Schedules of Classification contained in Part II but not to the derived composite terms (*vide Prolegomena to library classification*. Pp. 135-139). The second section indexes in one alphabetic sequence the title entries and the author entries of all the works, whose Class Numbers have been worked out by the Classic Device and given in the illustrative schedules of Part II.

In the second section, the Class Number is given against each entry and there is nothing novel in it.

But the numbers given against the entries of the first section require some explanation. The number in antique type gives the Main Class or the Canonical Division of the Main Class to which the 'term' in the entry belongs. The capital letter in ordinary type, which follows the number in antique type, gives the 'train of characteristics of classification' to which the 'term' belongs. The number that follows the capital letter in ordinary type gives the number of the 'term' among the divisions based on the specified characteristic of classification, in the specified Main Class or Canonical Division of the Main Class, as the case may be.

If the number against an entry begins with 'G.D.', it means that the term in the entry belongs to the Schedule of Geographical Divisions.

If it begins with 'L.D.', it means that the term belongs to the Schedule of Language Divisions.

There are 14 fundamental types of entries. An example of each such type is given here, along with its interpretation. There may be combinations of such fundamental types whose interpretation will be obvious.

I Type: Abscess L,P,475

## HOW TO USE THE INDEX

This means that the term 'Abscess' occurs as division 475 among the divisions based on the 'P' or Problem train of characteristics in the Schedule for the Main Class 'L' *i.e.* 'Medicine'.

II Type: Allegiance V,P, 2591; W,P,591

This means that the term 'Allegiance' occurs in two classes *viz.* 'V' *i.e.* 'History' and 'W' *i.e.* 'Political Science'. In the former it occurs as division 2591 among the divisions based on the 'P' or Problem train of characteristics and in the latter as division 591 among the divisions based on the 'P' or Problem train of characteristics.

Cases, in which three or more groups of figures separated by semi-colons occur, are to be interpreted similarly.

III Type: Financing X,E,56,6

This means that the term 'Financing' occurs twice, *viz.* as divisions 56 and 6 among the divisions based on the 'E' or Economic train of characteristics of the Main Class 'X' *i.e.* 'Economics'.

IV Type: Transport X,B,E,4

This means that the term 'Transport' occurs twice in the schedule of the Main Class 'X' *i.e.* 'Economics' as division 4 among the divisions based on the 'B' or Business train of characteristics and among the divisions based on the 'E' or 'Economic' train of characteristics.

V Type: Abdomen K,L,O,14.

This means that the term 'Abdomen' occurs twice *viz.* as division 14 among the divisions based on the 'O' or Organ train of characteristics of the Subject Divisions 'K Zoology' and 'L Medicine'.

VI Type: Air-transport D,W,X,B,43

This means that the term 'Air-transport' occurs twice *viz.* as division 43 among the divisions based on the 'W' or Work train of characteristics of the Main Class 'D' *i.e.* 'Engineering' and as division 43 among the divisions based on the 'B' or Business train of characteristics of the Main Class 'X' *i.e.* 'Economics'.

## HOW TO USE THE INDEX

VII Type. Abortion **L**, O-55,P,34

This means that the term 'Abortion' occurs as division 34 among the divisions based on the 'P' or Problem train of characteristics of the 'O' or Organ Division '55' of the Main Class 'L Medicine'.

VIII Type: Aberdeen G.D. 56384

This means that the term 'Aberdeen' occurs as division 56384 among the Geographical Divisions.

IX Type: Afghan L.D. 165

This means that the term 'Afghan' occurs as division 165 among the Language Divisions.

X Type: Acromegaly L66:472

This means that the term 'Acromegaly' has the Class Number L66:472.

XI Type: Agriculture **J**

This means that the term 'Agriculture' occurs as division 'J' in the Schedule of Main Classes.

XII Type: Abelian functions **B392M26**

This means that the term 'Abelian functions' has the Canonical Division number **B392M26**.

XIII Type: Acts *q*

This means that the term 'Acts' occurs as division *q* among the Schedule of Common Subdivisions.

XIV Type: Absence *b*, 53

This means that the term 'Absence' occurs as the subdivision 53 of the division *b* in the Schedule of Common Subdivisions.

The following example illustrates how a combination of the fundamental types is to be interpreted:—

Administration 2,P,4; T,P,431; V,W,P,28; Z, L,8,9593.

This means that the term 'Administration' occurs as 'Problem Division 4' in the Generalia Class '2 Library Science'; as

## HOW TO USE THE INDEX

'Problem Division 431' of the Main Class 'T Education'; as the 'Problem Division 28' of the Main Classes 'V History' and 'W Political Science'; as 'Law Divisions 8 and 9593' of the Main Class 'Z Law'.

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- Vimśatikā* by Vasubandhu R6946x3:1  
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*Viṣṇusahasranāmabhāṣya* by Śankara Q22 :4173x11 or R66 :8x1  
*Vistasp* Q8451 :2538  
*Visuddhimagga* by Buddhaghoṣa Q41x5  
*Viśvakarman Nyāyapradīpa* R625x58  
*Viśvambhara Tripāṭhī Smṛti Sāroddhāra* Q :4zxJ30  
*Viśvanātha Sāhityadarpaṇa* O15 :9xH35  
*Viśvanātha Darpaṇa* O15 :9x85  
*Viśvanātha Cakravartin Alaṃkāra-kaustubha-sārabodhini*  
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*Viśvanātha Pañcānana Bhaṭṭācārya Dinakarīya* R625x711  
*Viśvanātha Pañcānana Bhaṭṭācārya Kārikāvalī* or *Bhāṣā*  
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*Vivarāṇa-tātparyā-dīpikā* by Citsukha R66 :5x1112



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*Vivecana* by Ānandagiri R66:6x11  
*Vivekacūḍāmaṇi* by Śaṅkara R66xD68:1  
*Vivṛti* by Jayanārāyaṇa Tarkapañcānana R621x1M50  
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*Vrajanātha Bhaṭṭa Marīcīkā* R6893:5x18  
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*Vṛttivārttika* by Appaya Dīkṣita O15:9xJ53:3  
*Vyākaraṇa-dīpikā* by Orambhaṭṭa P15:Cx1M40  
*Vyākaraṇamitākṣara* by Anuambhaṭṭa P15:Cx1K10  
*Vyākhyāsudhā* by Bhānuji Dīkṣita P15:C4x15  
*Vyaktiviveka* by Mahimabhaṭṭa O15:9xE51  
*Vyaktiviveka vyākhyā* O15:9xE511  
*Vyāsa Bhāṣya* or *Vogasūtra* R635x11  
*Vyāsa Vyāsaśikṣā* P15:25A1x1  
*Vyāsa* (Sadānanda) See Sadānanda Vyāsa  
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*Vyāsatīrtha Bhedojjīvana* R68xI67:2  
*Vyāsatīrtha Nyāyāmṛta* R68xI67:1  
*Vyāsatīrtha Tarkatāṇḍava* R68xI67:3  
*Vyāsatīrtha Tātparya-candrikā* R68:5x111  
*Vyutpattivāda* by Gadādhara Bhaṭṭācārya R625024013x4  
*Vyutpattivādavyākhyā* by Baccaśarma R625024013x42  
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- Yādavaprakāśa Vaijayantī* P15:C4x2  
*Yādavācārya Nyāyamañjarīsūtra* R625xJ502  
*Yadupadācārya Yadupadīya* R68:5x214  
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*Yājñavalkya* Q2:4x2  
*Yakṣavarma Cīntāmaṇi* P15:Cx43  
*Yāmuna Gītārtha saṅgraha* R67:6x1  
*Yāmuna Siddhitraya* R672x1

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- Yāska Nirukta* P15:10A28:3x1  
*Yaśodānandan Sarkār Pradīpa* LAx3M90  
*Yatīndramataadīpikā* by Śrīnivāsa R67xK80:9  
*Yogācārabhumiśāstra* by Maitreyaṇātha R6946x1:2  
*Yogānandanātha Āyurveda sūtra* LAx8  
*Yogarāja* R663x3:31  
*Yoga-sārasaṅgraha* by Vijñāna Bhikṣu R635x3  
*Yoga-siddhānta-candrikā* by Nārāyaṇa Tīrtha R635x1M20  
*Yoga-sudhākara* by Sadāśivendra Sarasvatī R635x1L50  
*Yoga-sūtras* by Patañjali R635x1  
*Yoga-sūtra-vṛtti* by Sadāśivendra Sarasvatī R635x1L50  
*Yogāvacāra Manual* Δ41:3x1  
*Yoga-vārttika* by Vijñāna Bhikṣu R635x12  
*Yogāvataropadeśa* by Dharmendra Δ42:3x2  
*Yogīndudeva Paramātmaprakāśa* Δ3xD50  
*Yogopaniṣads* Δ2x4  
*Yuktidīpikā* R631x28  
*Yuktikalpataru* by Bhoja Mx E55  
*Yuktiśaṣṭhikā* by Nāgārjuna R6947x1:2  
*Yuktisneha-prapūraṇi* by Rāmakṛṣṇa Miśra R641x71

## Z

- Zad sparam* Q8451x2  
*Zohar* Δ5:8x1



# COLON CLASSIFICATION

BY

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Secretary, Madras Library Association

## PART IV

Examples of Call Numbers



MADRAS

THE MADRAS LIBRARY ASSOCIATION

LONDON, EDWARD GOLDSTON, LTD.

1939

FIRST EDITION 1933  
SECOND EDITION (*Revised*) 1939

251qN33  
G9.4

Printed by  
Thompson & Co., Ltd.,  
Madras.

## Interpretation of Call Numbers

### SOME EXAMPLES

- (1) D66:2 G7 COTTON (H.). Transmission and distribution of electrical energy.
- D66:2 is *class number* where
- D = Engineering;
- D6 = Mechanical engineering;
- D66 = Electrical engineering;  
and
- D66:2 = Transmission (in electrical engineering).
- G7 is *book number* where
- G = 193—; and
- G7 = 1937.

Thus

- D66:2 G7 = An English book on transmission (in electrical engineering) published in 1937.
- (2) O:2J64:9 G52 SPRAGUE (Arthur Colby). Shakespeare and the audience; a study in the technic of exposition.
- C:2J64.9 is *class number* where
- O = Literature;
- O: = English literature;
- O:2 = English drama;
- O:2J64 = Shakespeare *i.e.* the English dramatist born in 1564 (J=15; J6=156— and J64=1564);  
and

CALL NUMBER

- C :2J64:9 = Criticism of Shakespeare.  
 G52 is *book number* where  
 G = 193—;  
 G5 = 1935; and  
 G52 = Third of the books (in the  
 ultimate class in ques-  
 tion) published in 1935.

Thus

- O:2J64:9 G52 = The third English book  
 (in the library) on  
 Shakespearean criticism  
 published in 1935.
- (3) Q6:22 C9.7 COOK (F. C.). *Ed.* Holy  
 Bible according to the  
 authorised version.  
 A.D. 1611 with an  
 explanatory and critical  
 commentary etc., V. 7.
- Q6:22 is *class number* where  
 Q = Religion;  
 Q6 = Christianity;  
 Q6:2 = Sacred books of Christia-  
 nity; and  
 Q6:22 = Holy Bible. (Old Testa-  
 ment).
- C9.7 is *book number* where  
 C = 189—;  
 C9 = 1899; and  
 C9.7 = Seventh volume of a book  
 published in 1899.

Thus

- Q6:22 C9.7 = Seventh volume of the  
 English edition of the  
 Holy Bible (Old Testa-  
 ment) published in  
 1899.

**CALL NUMBER**

(4) Q127:22 15G7.1 CHINNASWAMI SASTRI (A.),  
*etc. Eds.* Catapatha  
 Brahmana of the white  
 Yajurveda in the Madh-  
 yandina rescension.  
 Pt. 1.

Q127:22 is *class number* where  
 Q = Religion;  
 Q1 = Vedic religion;  
 Q12 = Yajurvedic school;  
 Q127 = Madhyandina school;  
 Q127:2 = Sacred books of the Madh-  
 yandina school of Vedic  
 religion; and  
 Q127:22 = The Brahmana of the  
 Madhyandina school,  
*i.e.* Catapatha Brah-  
 mana.

15G7.1 is *book number* where  
 1 = Indo-European; and  
 15 = Sanskrit

And

G = 193—;  
 G7 = 1937; and  
 G7.1 = First volume of a book  
 published in 1937.

Thus

Q127:22 15G7.1 = The first volume of a  
 Sanskrit edition pub-  
 lished in 1937 of the  
 (Catapatha) Brahmana  
 of the Madhyandina  
 school of Vedic religion.



CALL NUMBER

(5) S:50T G7 PHILLIPS (Margaret). Education of the emotions through sentiment development.

S:50T is *call number* where

S = Psychology;

S:5 = Emotions;

S:50 = Emotions from the point of view of; and

S:50T = Emotions from the point of educationists.

G7 is *book number* where

G = 193—; and

G7 = 1937.

Thus

S:50T G7 = An English book of 1937 on emotions expounded from the point view of educationists.

(6) SM95:5 G7 KLIN (Melanie). Love, hate and reparation.

SM95:5 is *class number* where

S = Psychology;

SM95 = Psycho-analytic school of psychology *i.e.* A school of psychology originated in 1895 (M=18—; M9=189—; and M95=1895); and

SM95:5 = Emotions according to the psycho-analytic school.

G7 is *book number* where.

CALL NUMBER

G = 193—; and  
 G7 = 1937.

Thus

SM95:5 G7 = An English book published in 1937 and expounding the psychology of emotions according to the psycho-analytic school.

(7) V2:28/N23 F8 GREAT BRITAIN. ROYAL COMMISSION ON THE SUPERIOR CIVIL SERVICES IN INDIA. 1923. Report.

V2:28tN23 is *class number* where

V = History;

V2 = Indian history;

V2:2 = Constitutional history of India;

V2:28 = Administrative machinery in India;

V2:28t = Commission on administrative machinery of India; and

V2:28tN23 = Report of the Commission on administrative machinery of India appointed in 1923 (N=19—; N2=192—; and N23=1923).

F8 is *book number* where

F = 192—; and

F8 = 1928.

CALL NUMBER

Thus

V2:28tN23 F8 = Report (in English language and published in 1928) of the commission on the administrative machinery of India appointed in 1923.

(S) V3:28tN17 E8 GREAT BRITAIN. MACHINERY OF GOVERNMENT COMMITTEE. 1917. Report.

V3:28tN17 is *class number* where  
 V = History;  
 V3 = British history;  
 V3:2 = Constitutional history of Great Britain;  
 V3:28 = Administrative machinery of Great Britain;  
 V3:28t = Committee on the administrative machinery of Great Britain; and  
 V3:28tN17 = Report of the Committee on the administrative machinery of Great Britain, appointed in 1917 (N=19—; N1=191—; and N17=1917).

E8 is *book number* where  
 E = 191—; and  
 E8 = 1918.

Thus

V3:28tN17 E8 = Report (in English language and published in 1918) of the committee on the administrative machinery of Great Britain appointed in 1917.

CALL NUMBER

- (9)  $\Delta$ :864v467:A THIERENS: (A. E.). Astro-  
 G5                      logy in Mesopotamian  
                             culture: an essay.
- $\Delta$ :864v467:A    is *class number* where  
 $\Delta$                     = Mysticism;  
 $\Delta$ :8                 = Occultism;  
 $\Delta$ :86                = Prophecy;  
 $\Delta$ :864              = Astrology;  
 $\Delta$ :864v             = History of astrology;  
 $\Delta$ :864v4            = History of astrology in  
                             Asia;  
 $\Delta$ :864v46          = History of astrology in  
                             Arabian Peninsula etc.  
 $\Delta$ :864v467         = History of astrology in  
                             Mesopotamia; and  
 $\Delta$ :864v467:A       = History of astrology in  
                             Mesopotamia before  
                             2000 B.C.

And

- G5                    is *book number* where  
 G                     = 193—; and  
 G5                    = 1935.

Thus

- $\Delta$ :864v467:A       = An English book pub-  
 G5                    lished in 1935 on the  
                             history of astrology in  
                             Mesopotamia before  
                             2000 B.C.

## Examples of Call Numbers

### 1 to 9 Generalia

The following are the chief divisions under which the books in the Generalia class are grouped:--

<b>1</b>	<b>Bibliography</b>
<b>12</b>	<b>Bibliography of manuscripts</b>
12:315	Sanskrit manuscripts
12:3164	Persian manuscripts
12:331	Tamil manuscripts
12:335	<b>Telugu manuscripts</b>
<b>14</b>	<b>Bibliography of printed books</b>
<b>2</b>	<b>Library science</b>
251	Classification
255	Cataloguing
2623	Library rules
27	Reference work
<b>3</b>	<b>Cyclopaedias</b>
<b>4</b>	<b>Societies</b>
<b>5</b>	<b>Periodicals</b>
5a	Lists of periodicals
502	Indiana periodicals
52	Indian periodicals
520	In Indian languages
52031	In Tamil
52:	In English
55	European periodicals
<b>61</b>	<b>Conferences</b>

64	Museums
7	Biographies
8	Directories
9	General works
98	Collections of theses

## 1 Bibliography

### 12 Bibliography of Manuscripts

#### 12:315 Sanskrit Manuscripts

- SAHA (Amritlal Maganlal). *Ed.* Prasasti sangraha.  
12:315 15G7
- JOLLY (Julius). *Comp.* Die Sanskrit-handchriften,  
No. 287—413 der K-Hof-und Staatsbibliothek in  
Muncheu. 12:315:J58 113E2
- BRITISH MUSEUM. Catalogue of the Sanskrit mss. comp.  
by Cecil Bendall. 12:315:L57 D2
- MAHARAJA'S PALACE LIBRARY. *Trivandrum*. A descrip-  
tive catalogue of the Sanskrit mss., ed. by  
K. Sambasiva Sastri. 2 V.  
12:315:L70 G7.1—G7.2
- GOVERNMENT ORIENTAL MANUSCRIPTS LIBRARY. *Mcdras*.  
Guide to the manuscript collections.  
12:315:M47g G8
- AUTRECHT (Theodor). *Comp.* Florentine Sanskrit manus-  
cripts. 12:315:M9 C2
- CURATOR'S OFFICE LIBRARY. *Trivandrum*. A descriptive  
cat. of Sanskrit mss., ed. by K. Sambasiva Sastri.  
V. 1. 12:315:N12 G7.1

12:3164:M80 MANUSCRIPTS—OTHER LANGUAGES

**12:3164 Persian Manuscripts**

LIBRARY OF THE INDIA OFFICE. Catalogue of Persian mss.  
[comp.] by Hermann Ethé. V. 2.

12:3164:M80 D3.2

**12:328 Arabic Manuscripts**

ORIENTAL PUBLIC LIBRARY. *Bankipore*. Catalogue of  
Arabic and Persian manuscripts. V. 22.

12:328:L91 F0.13

**12:331 Tamil Manuscripts**

GOVERNMENT ORIENTAL MANUSCRIPTS LIBRARY. *Madras*.  
Alphabetical index of Tamil mss., etc.

12:331:M47k G2

————— Triennial catalogue of manuscripts,  
Pt. 2. Tamil. V. 5. 1922|23 to 1924|25.

12:331:M47 G6

**12:333 Kanarese Manuscripts**

GOVERNMENT ORIENTAL MANUSCRIPTS LIBRARY. *Madras*.  
A descriptive catalogue of the Kanarese mss. by  
S. Kuppaswami Sastri. V. 1. 12:333:M47 G4.1

**12:335 Telugu Manuscripts**

GOVERNMENT ORIENTAL MANUSCRIPTS LIBRARY. *Madras*.  
Alphabetical index of Telugu mss., etc.

12:335:M47k G2

————— Descriptive catalogue of the Telugu  
mss. by M. Rangacharya and S. Kuppaswami  
Sastri. V. 3—5. 12:335:M47 E5.4—E5.6

————— Triennial catalogue of manuscripts,  
Pt. 3. Telugu. V. 4. 1921|22—

12:335:M47 G4

INDIA OFFICE LIBRARY. Catalogue of mss. in European languages. V. 2. Pt. 2. Minor collections and miscellaneous mss. [*comp.*] by George Rusby Kaye and Edward Hamilton Johnston.

12:43:M80 E6.4

WOLF (Edwin) II. *Comp.* Descriptive catalogue of the John Frederick Lewis collection of European mss. in the Free Library of Philadelphia, etc.

12:473:M91 G7

### 14 Bibliography of Printed Books

EMENEAU (M. B.). *Comp.* Union list of printed Indic texts and translations in American libraries.

14:315:73 G5

LIBRARY OF THE INDIA OFFICE. Catalogue. V. 2. Pt. 6. Persian books by A. J. Arberry.

14:3164:M80 G7

BRITISH MUSEUM LIBRARY. Subject index to the modern works added to the library. 1931—1935. 2 V.

14:43:L57 G7.1—G7.2

SEVERANCE (Henry O.). Survey of the resources of the University of Missouri library for research work.

14:473:M99g G7

SCHMECKEBIER (Laurence F.). Government publications and their use.

14:573 G6

KELLY (Clara J.). *Comp.* Publications of the University of Washington faculty. Nov. 4, 1816—Mar. 31, 1936.

14:573:M61 G7

### 2 Library Science

LIBRARY literature: an author and subject index-digest to current books, pamphlets and periodical literature relating to library profession. 1936—

2am73:N34



- REECE (Ernest J.). The curriculum in library schools.  
2b3 G6
- LIBRARY ASSOCIATION. *London*. Yearbook. 1938—  
2i3:M77n
- INDIAN LIBRARY ASSOCIATION. Directory of Indian  
libraries. 1938. 2n2:N38
- LIBRARY ASSOCIATION OF CHINA. Libraries in China :  
papers prepared on the occasion of the tenth  
anniversary of the Library Association of China.  
2u41:N3 G5
- BURTON (Margaret). Famous libraries of the world :  
their history, collections and administrations, etc.  
2v1:N3 G7
- WILSON (Louis R.). *Ed.* Library trends: papers pre-  
sented before the library institute at the University  
of Chicago, Aug. 3—15, 1936. 2z7 G7
- BROWN (James Duff). Manual of library economy, ed.  
by W. C. Berwick Sayers. 2 G7
- DAVIES (W. Ll.). The National library of Wales: a sur-  
vey of its history, its contents, and its activities.  
2:1h32:N09vN3 G7
- ANDERSON (Ellen L.). *Comp.* Housing and equipment  
of school libraries. 21:31a G7
- WELLARD (James Howard). Book selection: its principles  
and practice, etc. 241 G7

### 251 Classification

- LIBRARY OF CONGRESS. Classification. Class S. Agricul-  
ture, plant and animal industry, fish culture and  
fisheries, hunting sports. 251qN04J F8
- ———— Class P. Subclass PQ. Pt. 1. French  
literature. 251qN04O122 G6

- LIBRARY OF CONGRESS. Classification. Class P-PA. Philology, linguistic, classical philology, classical literature. PB-PH. Philology, modern European languages. PJ-PM. Languages and literature of Asia, Africa, Oceania, America; mixed languages, artificial languages. Index to languages and dialects in the volumes P-PA, PB-PH, and PJ-PM.  
251qN04P F8.1—F8.4
- ——— Class B. Pt. 2. BL-BX. Religion.  
251qN04Q F7
- ——— Class L. Education.  
251qN04T F9
- ——— Class G. Geography, anthropology, folklore, manners and customs, sports and games.  
251qN04U F8
- ——— Class D. Universal and old world history. D 501—725. European war.  
251qN04V E6—1
- DABAGH (Thomas S.). The mnemonic classification for law libraries. 251qN36Z G6
- PHILLIPS (W. Howard). Primer of book classification. 251 G8

### 255 Cataloguing

- BISHOP (William Warner). Practical handbook of modern library cataloguing. 255 F7
- SHARP (Henry A.). Cataloguing. 255 G7
- AMERICAN LIBRARY ASSOCIATION, *etc.* Catalog rules: author and title entries. 25511qN07 D8

### 2623 Library Rules

- INDIA. IMPERIAL RECORD (—department). Rules regulating the access of the public to (i) the records of His Majesty's representative for the exercise of the

functions of the Crown in its relations with Indian States, and (ii) such records relating to British India and tribal areas as are inseparably mixed up with (i) and the records of the Government of India in the custody of the Imperial Record Department. 2623:8 G7

## 27 Reference Work

- McCOLVIN (Lionel R.), *etc.* Library stock and assistance to readers. 27 G6
- COWLEY (J. D.). The use of reference material: an introd. manual for librarianship students and assistants. 27 G7

## 3 Cyclopaedias

- ENCYCLOPAEDIA Britannica: book of the year, *etc.* 1938. 33:L68 F9.24—1
- AUGE (Claude), *etc.* *Eds.* Nouveau petit Larousse illustre dictionnaire encyclopedique. 353:M97 122G8

## 4 Societies

- LEAGUE OF NATIONS. Handbook of international organisations, associations, bureaux, committees, *etc.* 1937. 41nN21 G8
- INFORMATION SECTION. Intellectual co-operation. 41:N22vN3 G7

## 5 Periodicals

### 5a Lists of Periodicals

- UNIVERSITY OF RANGOON. LIBRARY COMMITTEE. *Comp.* A catalogue of periodicals in the university and other libraries of Rangoon with subject index. 5a4:8438 G7

**502 Indiana Periodicals**

INDIAN. V. 1—4. 1934—1937. 502:3:N34

CEYLON literary register. Series 3. V. 1—4. 1931—  
1935|36. 50298:298:N16

KONINKLIJK BATAVIAASCH GENOOTSCHAP VAN KUNSTEN EN  
WETENSCHAPPEN. Verhandelingen. D. 73— 1937—  
50436:436:L783

ROYAL ASIATIC SOCIETY. MALAYAN BRANCH. Journal.  
V. 14— 1936— 50436:436:M78

**52 Indian Periodicals****520 In Indian Languages**

ORIENTAL college magazine. *Lahore*. V. 9— 1932|33—  
520152:N25

———. *Lahore*. Urdu section. V. 9— 1932|33—  
520168:N25

**52031 In Tamil**

JNANA sagaram. V. 16—17. 1932|34—1934|36.  
52031:N03

VINOTHAN. V. 4—5. 1936—1937. 52031:N33

VINOTHINI. V. 4— 1936— 52035:N33

**52: In English**

PROGRESSIVE India. V. 1— 1935— 52:N352

ILLUSTRATED India. Nos. 7, 9—33. 1935|36. .  
52:N353

INDIA. PUBLIC INFORMATION (Director of—). Informa-  
tion series. V. 1— 1937— 52:N37

HINDU herald. V. 1— 1936|37— 52:N371

SIR M. Ct. Muthiah Chettiar high school magazine,  
Madras. V. 2— 1937|38— 521:N37

JYOTHI. V. 1— 1937|38-- 5438:N38

### 55 European Periodicals

ANNALES de l'universite' de Paris. A. 11—12. 1936—  
1937. 553:N26

RESEARCH and progress: quarterly review of German  
science. V. 1—3. 1935—1937. 555:N35

### 61 Conferences

ORIENTAL CONFERENCE. *India*. 2. *Calcutta*. 1922.  
Proceedings and transactions. 612:N19 F3  
*Continued as*

INDIAN ORIENTAL CONFERENCE. 5. *Lahore*. 1928. Pro-  
ceedings and transactions. 2 V.  
612:N19 G0.1—G0.2

### 64 Museums

MARKHAM (S. F.), *etc.* The museums of India.  
642 G6

### 7 Biographies (General)

BRITT (Albert). Great biographers. 7v1:N3 G6

BHARATA. Bharatiya mahapurusharu, ed. by P. G.  
Halakatti. 72:M6 33G3

DOBREE (Bonamy). *Ed.* From Anne to Victoria: essays  
by various hands. 73:L9 G7

IKBAL ALI SHAH. Controlling minds of Asia.  
74:M7 G7

CHURCHILL (Winston S.). Great contemporaries.  
75:M5 G7

- VENKATANANDAM (G.). Prapancha virulu. 75:M7 35G8
- EINSTEIN (Lewis). Divided loyalties : Americans in  
England during the War of Independence. 773:L4 G3

### 8 Directories

- MADRAS states and Mysore directory. V. 11— 1937—  
S2102:N27

### 9 General Works

- JACKS (L. P.). My American friends. 9xM60 G3
- JINARAJADASA (C.). The heritage of our fathers: essays  
on Indian ideals. 9xM85 ES
- KERN (Hendrik). Verspreide geschriften, onder zijn To-  
ezicht verzameld. 17 D. 904xM33 E3.1—E3.17

### 98 Theses

- UNIVERSITY OF WASHINGTON. Abstracts of theses and  
faculty bibliography. 1932|37. 9873:M61 G7

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## A Science (General)

### A:P Scientific Terms

- CHENNAI MAHANAT TAMILSANGAM. Kalaich chorkal.  
A:P31k 31G8—G82
- NARAYANAN (M.), *etc.* English-Malayalam sanketika  
nighandu. A:P32k 32G8

## **B Mathematics**

The following are the chief divisions under which the books in Mathematics are grouped:—

<b>Bw</b>	<b>Biographies</b>
<b>Bx</b>	<b>Collected works</b>
<b>B</b>	<b>General books</b>
<b>B0</b>	<b>From special points of view</b>
<b>B:R1</b>	<b>Mathematical logic</b>
<b>B13</b>	<b>Theory of numbers</b>
<b>B2</b>	<b>Algebra</b>
<b>B27</b>	<b>Theory of groups</b>
<b>B28</b>	<b>Theory of statistics</b>
<b>B280J</b>	<b>For agriculturists</b>
<b>B281</b>	<b>Theory of probability</b>
<b>B285</b>	<b>Correlation</b>
<b>B3</b>	<b>Analysis</b>
<b>B31</b>	<b>Foundations</b>
<b>B335</b>	<b>Integral equations</b>
<b>B369</b>	<b>Divergent series</b>
<b>B36M22</b>	<b>Fourier's series</b>
<b>B36M39</b>	<b>Dirichlet's series</b>
<b>B37</b>	<b>Real variable</b>
<b>B38</b>	<b>Complex variable</b>
<b>B381:6</b>	<b>Conformal representation</b>
<b>B39</b>	<b>Special functions</b>

B42	Calculus of variations
B43	Calculus of functions
B48	Operational calculus
B53	Spherical trigonometry
<b>B6</b>	<b>Geometry</b>
B62	Plane geometry
B63	Solid geometry
B64	Four dimensions
B69	Non-Euclidean geometries
<b>B71:2</b>	<b>Dynamics</b>
B75	Hydromechanics
B82	Attractions and potentials.
<b>B9</b>	<b>Astronomy</b>
B9x	Collected works
B93	Sun
B96	Stars

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**Bw Biographies**

- SULLIVAN (J. W. N.). Isaac Newton, 1642—1727, with a memoir of the author by Charles Singer. BwK42 G8
- BELL (E. T.). Men of mathematics. BwM5 G7

**Bx Collected Works**

- SRIPATI. Ganitatilaka, with the comm. of Simhatilaka Suri, ed. by H. R. Kapadia. BxD96 15G7
- BHASKARACARYA. Lilavati, ed. by Dattatreya Vishnu Apte. BzF14 15G7.1—G7.2



**BxJ64.**

**MATHEMATICAL LOGIC**

**GALILEI** (Galileo). *Le opera*. V. 19. **BxJ64 12F9.20**

**HUMBERT** (Georges). *Oeuvres*, ed. by Pierre Humbert  
et de Gaston Julia. T. 2. **BxM59 122F9.2**

**NARASINGA RAO** (A.). *Ramaswami Aiyar's notebooks*.  
**BxM71:9 G7**

**B General Books**

**HOGBEN** (Lancelot). *Mathematics for the million: a  
popular self-educator, etc.* **B G7**

**COOLEY** (Hollis R.), *etc.* *Introd. to mathematics: a survey  
emphasizing mathematical ideas and their relations  
to other fields of knowledge.* **B G71**

**B0 From Special Points of View**

**COURANT** (R.), *etc.* *Methoden der mathematischen  
Physik*. 2 B. **B0C 113G1.1 & 113F4.2**

**ALLEN** (R. G. D.). *Mathematical analysis for econo-  
mists.* **BOX G8**

**B:R1 Mathematical Logic**

**CARNAP** (Rudolf). *The logical syntax of language*, tr. by  
Amethe Smeaton (Countess von Zeppelin).  
**B:R1 G7**

**LANGER** (Susanne K.). *Introd. to symbolie logic.*  
**B:R1 G71**

**TARSKI** (Alfred). *Einführung in die mathematische  
Logik und in die Methodologie der Mathematik.*  
**B:R1 113G7**

**B13 Theory of Numbers**

**PSENNER** (Ing. Wilhelm). *Allgemeiner Beweis des  
grossen fermatischen Satzes.* **B13:5K37 113G8**

KAVAN (George). Factor tables giving the complete decomposition into prime factors of all numbers upto 256,000, etc. B132:1e G7

LANDAU (Edmund). Über einige neuere Fortschritte der additiven Zahlen Theorie. B135:5 113G7

## B2 Algebra

LEVI (Friedrich Wilhelm). Algebra. Pts. 2—5 in 2 V. B2 G6.2—G6.3

## B27 Theory of Groups

CARMICHAEL (Robert D.). Introd. to the theory of groups of finite order. B271 G7

## B28 Theory of Statistics

ANNALS of mathematical statistics. V. 8— 1937— B28m73:N30

STAMP (Josiah). The national capital and other statistical studies. B28z7 G7

DAVENPORT (C. B.), *etc.* Statistical methods in biology, medicine and psychology. B28 G6

YULE (G. Udny), *etc.* Introd. to the theory of statistics. B28 G71

WHITTAKER (E. T.), *etc.* Calculus of observations: a treatise on numerical mathematics. B28 G72

## B280J For Agriculturists

LOVE (Harry H.). Application of statistical methods to agricultural research. B280J G61

YATES (F.). The design and analysis of factorial experiments. B280J G7

SNEDECOR (George W.). Statistical methods, applied to experiments in agriculture and biology. B280J G8

**B281 Theory of Probability**

FISHER (Arne). Mathematical theory of probabilities and its application to frequency curves and statistical methods, tr. by Charlotte Dickson and William Bonyngé, etc. V. 1. B281 G61.1

CRAMER (Harold). Random variables and probability distributions. B281 G7

MONTGOMERY (J. K.). The mathematical problem of the price index. B284 G7

**B285 Correlation**

EZEKIEL (Mordecai). Methods of correlation analysis. B285 G0

**B3 Analysis**

FITE (W. Benjamin). Advanced calculus. B3 G8

**B31 Foundations**

LUSIN (Nicolas). Lecons sur les ensembles analytiques et leurs applications, avec une note de M. Sierpinski, etc. B313 122G0

SEIFERT (H.), *etc.* Lehrbuch der Topologie. B316 113G4

STOLOW (S.). Lecons sur les principes topologiques de la theorie des fonctions analytiques, *etc.* B316 122G8

**B335 Integral Equations**

LICHTENSTEIN (Leon). Vorlesungen uber einige Klassen nichtlinearer Integralgleichungen und Integro-differentialgleichungen. B335 113G1

**B369 Divergent Series**

MOORE (Charles N.). Summable series and convergence factors, *etc.* B369 G8

KARAMATA (J.). Sur les theoremes inverses des procedes de sommabilite. B369 122G7

**B36M22 Fourier's Series**

TITCHMARSH (E. C.). *Introd. to the theory of Fourier integrals.* B36M22 G7

**B36M39 Dirichlet's Series**

BERNSTEIN (Vladimir). *Lecons sur les progres recents de la theorie des series de Dirichlet, etc.* B36M39 122G3

**B37 Real Variable**

KESTELMAN (H.). *Modern theories of integration.* B37:1N02 G7

HOBSON (E. W.). *Theory of functions of a real variable and the theory of Fourier's series.* 2 V. B371 F71.1—F71.2

NEVANLINNA (Rolf). *Eindeutige analytische Funktionen.* B371 113G6

**B38 Complex Variable**

MONTEL (Paul). *Lecons sur les fonctions univalentes ou multivalentes ... recueillies et redigees par F. Marty avec une note de Henri Cartan.* B38:5 122G3

BOURION (Georges). *L'ultraconvergence dans les series de Taylor.* B381:3 122G7

FORD (Walter B.). *The asymptotic developments of functions defined by Maclaurin series.* B381:4 G6

**B381:6 Conformal Representation**

CARATHEODORY (C.). *Conformal representation, tr. by B. M. Wilson and Margaret Kennedy.* B381:6 G2

- JULIA (Gaston). Lecons sur la representation conforme des aires simplement connexes. B381:6 122G1  
 ——— Lecons sur la representation conforme des aires multiplement connexes, ed. by Georges Bourion et Jean Leray. B381:6 122G41

### B39 Special Functions

- FERIET (J. Kampe de). La fonction hypergeometrique. B396M12 122G7  
 GONTCHAROFF (W.). Determination des fonctions entieres par interpolation. B396M31 122G7  
 NEVANLINNA (Rolf). Theoreme de Picard-Borel et la theorie des fonctions meromorphes. B399M42 122F92  
 SINGH (A. N.). The theory and construction of non-differentiable functions. B399M75 G5  
 MANDELBROJT (S.). Series de Fourier et classes quasi-analytiques de fonctions, etc. B399N17 122G5

### B42 Calculus of Variations

- CARATHEODORY (Constantin). Variationsrechnung und partielle Differentialgleichungen erster Ordnung. B42 113G5

### B43 Calculus of Functions

- VOLTERRA (Vito), *etc.* Theorie generale des fonctionnelles. T. 1. Generalites sur les fonctionnelles theorie des equations integrales. B43 122G6.1

### B48 Operational Calculus

- DAVIS (Harold T.). The theory of linear operators, from the standpoint of differential equations of infinite order. B48 G6  
 VOLTERRA (Vito), *etc.* Operations infinitesimales lineaires: applications aux equations differentielles et fonctionnelles. B48 122G8

**B53 Spherical Trigonometry**

- JHA (Nilambara). Gola-prakasa or a work on spheric.  
corr. and ed. by Bapudeva Sastri. B53 15A

**B6 Geometry**

- MORRIS (Max), *etc.* Analytic geometry and calculus.  
B6:23 G7
- WIRTINGER (Wilhelm). Allgemeine Infinitesimalgeometrie  
*etc.* B6:32 113F6

**B62 Plane Geometry**

- O'HARA (C. W.), *etc.* An introd. to projective geometry.  
B622:7 G7
- DELVENDAHL (Otto). Über Kurven von Beschränkter  
Ordnung. B627 113G8

**B63 Solid Geometry**

- MAHAJANI (G. S.). The application of moving axis  
methods to the geometry of curves and surfaces.  
B63:34 G7
- NARASINGA RAO (A.). On the contact of varieties in  
 $n$ -space. B636 G6

**B64 Four Dimensions**

- HINTON (C. Howard). The fourth dimension. B64 G4
- TELLING (H. G.). The rational quartic curve in space of  
three and four dimensions, being an introd. to  
rational curves. B64 G6

**B69 Non-Euclidean Geometries**

- SCHILLING (Friedrich). Pseudosphärische hyperbolisch-  
sphärische und elliptisch-sphärische Geometrie.  
B69 113G7
- WEATHERBURN (C. E.). Introd. to Riemannian geometry  
and the tensor calculus. B692:463 G8

LAMB (Horace). Statics, including hydrostatics and the elements of the theory of elasticity. B7:3 F8

### B71:2 Dynamics

LAMB (Horace). Dynamics. B71:2 F9

WHITTAKER (E. T.). Treatise on the analytical dynamics of particles and rigid bodies, with an introd. to the problem of three bodies. B71:2 G7

### B75 Hydromechanics

VILLEY (Jean). Propriétés générales des fluides moteurs. B75:2 122G6

JONES (Bradley). Elements of practical aerodynamics. B78:2 G6

ERTEL (H.). Methoden und Probleme der dynamischen Meteorologie. B78:2 113G8

### B82 Attractions and Potentials

GUNTHER (N. M.). La théorie du potentiel et ses applications aux problèmes fondamentaux de la physique mathématique. B82 122G4

### B9 Astronomy

ROYAL ASTRONOMICAL SOCIETY. Monthly notices: Geophysical supplement. V. 1—4. 1922—1937.

B9m3:M201

SWAMIKANNU PILLAI (L. D.). Indian ephemeris, showing the daily solar and lunar reckoning according to the principal systems current in India with their English equivalents also the ending moments of tithis and nakshatras and the years in different eras, A.D. Hijra, Saka, Vikrama, Kaliyuga, Kollam, etc. with a perpetual planetary almanac and other auxiliary tables. V. 7. 1800—1999.

B9n2 F2.8

- ROYAL OBSERVATORY. *Greenwich*. Observations. 1925.  
 B9r3 F7
- Astronomical results from observations. 1925.  
 B9r3:1 F7
- WATERFIELD (Reginald L.). Hundred years of astronomy.  
 B9v1:N3 G8

**B9x Collected Works**

- ARYABHATTA II. Mahasiddhanta: a treatise on astronomy ed. with his own comm. by Sudhakara Dvivedi. B9xE50 15E0
- BIHASKARACHARYA. Siddhanta siromani, ed. with the comm. Prabha, Bhashabhashya, Upapatti by Girijaprasad Dvivedi. 2 V. B9xF14 152E1.1—E1.2
- JHA (Buddhi Nath). Tippanivivaranam: a comm. on the Goladhyaya of the Siddhanta Siromani.  
 B9xF14:9 15E2
- KEPLER (Johannes). Das weltgeheimnis mysterium cosmographicum, ubersetzt... von Mar Caspar.  
 B9xJ71 113G6
- BHATTA KAMALAKARA. Siddhanta-tattva-viveka: a treatise on astronomy, with Seshavasana by the same author, with notes by Sudhakara Dvivedi, ed. with his own notes by Muralidhara Jha ... criticisms on Seshavasana by Muralidhara Thakur.  
 B9xK16 15G5
- KETKAR (V. B.). Jyotirganitam, ed. by D. V. Ketkar.  
 B9xM50 15G7—G72
- 
- GUNTHER (R. T.). Early science in Oxford. V. 5.  
 Chaucer and Messahalla on the astrolabe.  
 B9:2exH40 F9
- VISVESVARA DATTA. Gola tattva prakasika with Hindi comm.  
 B9:5 152F7



**B9:57**

**SUN AND STARS**

- DYSON** (Frank), *etc.* Eclipses of the sun and moon.  
B9:57 G7
- INDIA. SURVEY** (Department of—). Tide-tables of the  
Indian ocean. 1938— B9:78n91:M80
- HUBBLE** (Edwin P.). Our sample of the universe, *etc.*  
B9:8 G7

**B93 Sun**

- MITCHELL** (S. A.). Eclipses of the sun. B93:57 G5

**B96 Stars**

- FABRY** (Ch.). Les principes de la photometrie en astro-  
nomie et en physique. B96:652 122G4
- HUBBLE** (Edwin). The realm of the nebulae.  
B964:6 G6
- BOK** (Bart J.). The distribution of the stars in space.  
B964:8 G7

## C Physics

The following are the chief divisions under which the books in Physics are grouped:—

<b>Cw</b>	Biographies
<b>Cx</b>	Collected works
<b>C2</b>	<b>Properties of matter</b>
C21:5	Elasticity of solids
C216	Crystals
C285:9	Application of molecular rays
<b>C3</b>	Sound
<b>C4</b>	Heat
C47	Thermodynamics
<b>C5</b>	<b>Light. Radiation</b>
C56:3	Spectra of infra-red rays
C6	Electricity
C7	Magnetism
<b>C8</b>	Hypothesis about matter, energy, space and time
C82N26	<b>Wave mechanics</b>
C83	Hypotheses about matter.
C84N015:3	Spectra in quantum theory
C8N05	Theory of relativity

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ROLT (F. H.). Gauges and fine measurements, with introd. note by J. E. Sears, Jr., ed. by R. T. Glazebrook. 2 V. Ce F9.1—F9.2

WELD (Le Roy D.). *Comp. and ed.* Glossary of physics. Ck G7

EINSTEIN (Albert), *etc.* Evolution of physics: the growth of ideas from the early concepts to relativity and quanta. Cv1:N2 G8

**Cw Biographies**

- GUNTHER (R. T.). Early science in Oxford. V. 10.  
Life and work of Robert Hooke. Pt. 4. Tract on  
capillary attraction, 1661, diary, 1688 to 1693.  
CwK35 G0.4
- THOMSON (J. J.). Recollections and reflections.  
CwM56 G6
- CURIE (Eve). Madame Curie, tr. by Vincent Sheean.  
CwM67 G8

**Cx Collected Works**

- SWEDENBORG (Emanuel). The minor principia or the  
first principles of natural things deduced from  
experiments and geometry or a posteriori and a  
priori, tr. by Isaiah Tansley. CxK88 E3
- TANSLEY (Isaiah). Introd. to the "Principia" of  
Emanuel Swedenborg, etc. CxK88:9 E2
- DONNAN (F. G.), *etc.* *Eds.* A comm. on the scientific  
writings of J. Willard Gibbs. 2 V.  
CxM39:9 G6.1—G6.2
- LORENTZ (H. A.). Collected papers. V. 5—6.  
CxM53 G4.5—G4.6

- BALANKESWARA ROW (A.). *Comp.* Telugu equivalents  
of technical terms in physics. C:P35k 35G8
- WATSON (W. H.). On understanding physics.  
C:R1 G8

**C2 Properties of Matter**

- TRILLAT (Jean J.). Momentsélectriques, adsorption et  
lubrification. C2:80C6 122G8

**C21:5 Elasticity of Solids**

- SUDRIA (J.). L'action euclidienne de déformation et de  
mouvement. C21:5 122G5

GEIRINGER (Hilda). Fondements mathematiques de la theorie des corps plastiques isotropes.

C21:5 122G7

### C216 Crystals

MOREAU (Georges). Les deformations elastiques et plastiques des reseaux cristallins. C216:5 122G7

LEHMANN (O.). Flussige Kristalle sowie Plastizitat von Kristallen etc. C216:55 113D4

BRAGG (W. L.). Atomic structure of minerals. C216:8 G7

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ADAM (Neil Kensington). Physics and chemistry of surfaces. C25:6 G8

### C285:9 Application of Molecular Rays

FRASER (R. G. J.). Molecular beams. C285:9 G7

### C3 Sound

JONES (Arthur Taber). Sound. C3 G7

### C4 Heat

ZEMANSKY (Mark W.). Heat and thermodynamics, etc. C4 G7

RUHEMANN (M.), *etc.* Low temperature physics. C421 G7

### C47 Thermodynamics

FERMI (Enrico). Thermodynamics. C47 G8

LANDAU (L.), *etc.* Statistical physics, tr. by D. Shoenberg. C47 G81

VILLEY (Jean). Les principes des moteurs thermiques, etc. C47 122G5

——— Le rendement des moteurs thermiques. C47 122G6

- LICHTY (Lester C.). Thermodynamics: the principles of thermodynamics and their application to engineering processes. C470D G6
- YOUNG (Vincent W.), *etc.* Elementary engineering thermodynamics. C470D G61

### C5 Light. Radiation

- OPTICAL SOCIETY OF AMERICA. Journal. Cumulative index. V. 1—25. 1917—1935. C5m73:N16a G8
- MONK (George S.). Light: principles and experiments. C5 G7
- JENKINS (Francis A.), *etc.* Fundamentals of physical optics. C5:1 G7
- SYNGE (J. L.). Geometrical optics: an introd. to Hamilton's method. C5:1 G71
- FORSYTHE (W. E.). *Ed.* Measurement of radiant energy, *etc.* C5:2 G7

### C56:3 Spectra of Infra-Red Rays

- SUTHERLAND (G. B. B. M.). Infra-red and Raman spectra. C56:3 G5

### C6 Electricity

- PIDDUCK (F. B.). Lectures on the mathematical theory of electricity. C6 G7
- HENRIOT (E.). Les couples de radiation et les moments electromagnetiques. C6:8 122G6

### C7 Magnetism

- FOEX (G.). Les lois experimentales du paramagnetisme. C73 122G5
- BITTER (Francis). Introd. to ferromagnetism. C74 G7

### **C8 Hypothesis about Matter, Energy, Space, and Time**

- REICHINSTEIN (David). Albert Einstein: a picture of his life and his conception of the world, tr. by M. Juers and D. Sigmund. C8wM79 G4
- WEIL (E.). *Comp.* Albert Einstein: a bibliography of his scientific papers, 1901—1903. C8xm79a G7
- INFELD (Leopold). The world in modern science: matter and quanta, tr. by Louis Infeld, etc. C8 G4

### **C82N26 Wave Mechanics**

- EDDINGTON (Arthur). Relativity theory of protons and electrons. C82N26 G61
- FEATHER (N.). Introd. to nuclear physics. C82N26 G62
- LANDE (Alfred). Principles of quantum mechanics. C82N26 G7
- KEMBLE (Edwin C.). Fundamental principles of quantum mechanics with elementary applications. C82N26 G71
- SWIRLES (Bertha). Construction of zero order wave functions for complex atoms. C82N26 G8
- DUSHMAN (Saul). Elements of quantum mechanics. C82N26 G81
- VON KRBEK (Franz). Grundlagen der Quantenmechanik und ihre Mathematik. C82N26 113G6
- FROHLICH (Herbert). Elektronen Theorie der Metalle. C82N26 113G61
- BUHL (A.). Analogies corpusculaires et ondulatoires. C82N26 122G71
- WEYL (Hermann). The theory of groups and quantum mechanics, tr. by H. P. Robertson. C82N260B27 G1

**C83 Hypotheses about Matter**

- KENNARD (Earle H.). Kinetic theory of gases with an  
introd. to statistical mechanics. C83M57 G8
- YATES (Raymond F.). These amazing electrons.  
C83M95 G7
- CLARK (C. H. Douglas). A comprehensive treatise of  
atomic and molecular structure. V. 1. The  
electronic structure and properties of matter: an  
introd. study of certain properties of matter in the  
light of atomic numbers. C83M950E G4
- RUTHERFORD (*Lord*). The newer alchemy, based on the  
Henry Sidgwick memorial lecture delivered at  
Newnham College, Cambridge, Nov. 1936.  
C83M96 G7
- RASSETTI (Franco). Elements of nuclear physics.  
C83M96 G71
- GAMOW (G.). Structure of atomic nuclei and nuclear  
transformations. (*Previously published as*  
Constitution of atomic nuclei and radio activity).  
C83M96 G72

**C84N015:3 Spectra in Quantum Theory**

- CANDLER (A. C.). Atomic spectra and the vector model.  
2 V. C84N015:3 G7.1—G7.2
- HERZBERG (Gerhard). Atomic spectra and atomic struc-  
ture, tr. . . ., by J. W. T. Spinks.  
C84N015:3 G71

**C8N05 Theory of Relativity**

- McVITTIE (G. C.). Cosmological theory. C8N05 G7
- SHABDE (N. G.). General field theory of Schouten and  
van Dantzig. C8N05 G8

## D Engineering

The following are the chief divisions under which the books in Engineering are grouped:—

D::11	Structural mechanics
<b>D1</b>	<b>Buildings</b>
D11	Wood
D16	Concrete
D18	Metals
<b>D2</b>	<b>Irrigation</b>
D4153:5	Curves in railways
D416	Bridge engineering
<b>D6</b>	<b>Mechanical engineering</b>
D64:C47	Thermodynamics of heat-engines
D646	Internal combustion engines
D6466	Diesel engines
<b>D66</b>	<b>Electrical engineering</b>
D66:2	Transmission
<b>D666</b>	<b>Wireless</b>
D666:45	Television
D666:48	Radio-telephony
<b>D8</b>	<b>Sanitary engineering</b>
D85	Water supply
D866	Sewage disposal

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DEMAG news. Complete Index. 1927—1937.

Dm55:N27a G8

### D::11 Structural Mechanics

JENSEN (Alfred). Moment equations: a method of analysis for continuous beams and rigid frames.

D::11 G7



- BISHOP** (Carlton Thomas). Structural design.  
D::11 G8
- MILLER** (Alfred Lawrence). The solution of rigid frames of members of constant section by the theorem of joint translation.  
D::113 G6

- 
- BREED** (Charles B.), *etc.* The principles and practice of surveying. V. 2.  
D::2 G1.2
- MOORE** (Herbert F.). Textbook of the materials of engineering, with a chap. on concrete by Harrison F. Gonnerman and a chap. on the crystalline structure of metals by Jasper O. Draffin.  
D::3 G6

### D1 Buildings

- MITCHELL** (Charles F.). Building construction and drawing ... rev. by George A. Mitchell, *etc.*  
D1 G4; G6
- MOYER** (James A.), *etc.* Air conditioning.  
D1:9 G3
- DALZELL** (J. Ralph), *etc.* Air conditioning: insulation: treats of the principles and applications of insulation as used to retard heat losses and gains and to guard against fire, sound, vibration, condensation and termites in buildings.  
D1:9 G7
- WILSON** (George Samuel), *etc.* Evaporative and surface cooling.  
D1:94 G7
- UNITED STATES. STANDARDS** (National bureau of—). Code for protection against lightning.  
D1:95q73 G7

### D11 Wood

- KAMESAM** (S.). Special factors affecting timber design.  
D11 G7
- Wood versus steel for framed buildings.  
D110D18 G7

- KAMESAM (S.). How to build fire-resistant timber structures. D110E2131 G7
- Truth about fire hazard in timber structures. D110E2131 G71
- How to build wooden earthquake and storm proof houses. D110H4132 G7
- Treated timber for earthquake resistant structures. D110H4132 G71
- Wood's challenge to steel and concrete. D11::32 G7
- Relative economy of wood, steel and concrete structures. D11::6 G7
- Treated wood for flooring. D11:3 G7
- Treated wood for walls and ceilings. D11:41 G7
- Treated wood poles for electric distribution and service. D11:450D66:5:4 G7
- Relative cost of treated electric poles and overhead construction in India and abroad. D11:450D66:5:4 G71
- Treated wood for roof trusses. D11:61 G7
- Cheaper and better gable roofing with wood shingles. D11:63 G7
- Better and cheaper fencing. D11:995:6 G7
- 
- HENNES (Robert Graham). Analysis and control of landslides. D12::11 G6

### D16 Concrete

- PROBST (E.). Principles of plain and re-inforced concrete construction. D16::11 G6
- MANNING (G. P.). Reinforced concrete design. D16::4 G6

**D18 Metals**

- GRINTER (Linton E.). Theory of modern steel structures. 2 V. D18::11 G6.1—G6.2
- TAPSELL (H. J.). Creep of metals. D18::32:C4 G1

**D2 Irrigation**

- INDIA. LABOUR (Department of—). Irrigation in India: review. 1933|36. D2r2 G8
- UNITED PROVINCES. PUBLIC WORKS (—dept.). IRRIGATION BRANCH. Administration report. D2r252
- HOYT (W. G.), *etc.* Studies of relations of rainfall and run-off in the United States. D260U2855u73 G6
- JARVIS (Clarence S.), *etc.* Floods in the United States: magnitude and frequency. D26::155u73 G6
- 
- CANTRILL (T. C.). Coal mining. D3551 E4

**D4153:5 Curves in Railways**

- SIMS (A. M.). Wear of rails on curves and check-rail clearances required on curves of 4° and sharper. D4153:5 G7
- PROCTER (E.). The determination of the permissible speeds on curves. D4153:5 G71
- MARTIN (R. H.). Report on investigation into modern methods of introducing transition curves economically into existing lines of railway. D4153:5 G72

**D416 Bridge Engineering**

- SPOFFORD (Charles M.). The theory of continuous structures and arches. D416::117 G7
- KAMESAM (S.). Treated timber bridges for Indian highways and railways. D4161 G7

**D6 Mechanical Engineering**

ALLEN (T.). Uniflow, back-pressures and steam extraction engines: a complete treatise for designers, works engineers and students. D6:11:4 G1

ATHERTON (William H.). Conveying machinery. D6:73 G7

HAM (C. W.), *etc.* Mechanics of machinery. D62:B7 G8

**D64:C47 Thermodynamics of Heat Engines**

LEWITT (E. H.). Thermodynamics applied to heat engines: a textbook covering the syllabuses of the B.Sc. (Eng.) and I. Mech. E. examinations in the subject. D64:C47 G7

MANCHESTER STEAM USERS' ASSOCIATION. Memorandum by the Chief Engineer. 1907—1930. D641m3:M54

**D646 Internal Combustion Engines**

PYE (D. R.). Internal combustion engine. 2 V. D646 G4.1—G4.2

JUDGE (Arthur W.). Automobile and aircraft engines. D646 G6

YOUNG (S. J.), *etc.* The testing of internal combustion engines. D646:::81 G6

RICARDO (Harry R.). Engines of high output: thermodynamic considerations. D646:C47 F9

**D6466 Diesel Engines**

ADAMS (Orville). Elements of diesel engineering, *etc.* D6466 G6

PURDAY (H. F. P.). Diesel engine design. D6466 G7

JUDGE (Arthur W.). High speed diesel engines, with sp. ref. to automobile and aircraft types, etc.

D6466 G71

### D66 Electrical Engineering

LAWS (Frank A.). Electrical measurements.

D66e G8

PENDER (Harold), *etc.* *Eds.* Electrical engineers' handbook. V. 4. Electric power.

D66g G6

ELECTRICAL review: trade names supplement. 1932|1936—

D66m3:M721

TAYLOR (E. Openshaw). Utilisation of electric energy.

D66 G7

HORWOOD (W. L.). Electrical technology.

D66 G71

MAGNUSSON (Carl Edward). Hydroelectric power in Washington. Pt. 4. Regional electric-power transmission, the Grid system.

D66:1135u7311 F4.4

### D66:2 Transmission

SMITH (George Sherman). Transmission line design. Pt. 1. Mechanical features. Sec. B. Mechanical design of spans with supports at unequal elevation.

D66:2 G6.2

COTTON (H.). The transmission and distribution of electrical energy.

D66:2 G7

WOODRUFF (L. F.). Principles of electric power transmission.

D66:2 G8

ROBINSON (D. M.). Dielectric phenomena in high voltage cables, etc.

D66:31:C63 G6

PENDER (Harold), *etc.* *Eds.* Electrical engineers' handbook. V. 5. Electric communication and electronics.

D66:4g G6

- MEARES (J. W.). The law relating to electrical energy in India and Burma, being the Indian electricity act, 1910, act IX of 1910; in Burma, the electricity act, etc. D66:Z2 G7
- WEINBACH (M. P.). Alternating current circuits. D664 G3
- SAY (M. G.), *etc.* The performance and design of alternating current machines: transformers, three-phase induction motors and synchronous machines. D664 G6
- LANGSDORF (Alexander S.). Theory of alternating-current machinery. D664 G7

### D666 Wireless

- PALMER (L. S.). Wireless engineering. (*Previously published as Wireless principles and practice*). D666 G6
- McARTHUR (E. D.). Electronics and electron tubes. D666:33 G6
- EASTMAN (Austin V.). Fundamentals of vacuum tubes. D666:33 G7
- MOYER (James A.), *etc.* Radio receiving and television tubes, including applications for distant control of industrial processes and precision measurements. D666:4 G6

### D666:45 Television

- VON ARDENNE (Manfred). Television reception: a construction and operation of a cathode ray tube receiver for the reception of ultra-short wave television broadcasting, tr. by O. S. Puckle. D666:45 G6
- REYNER (J. H.). Television: theory and practice. D666:45 G7

D666:45

## TELEVISION

MALOFF (I. G.), *etc.* Electron optics in television, with theory and application of television cathode ray tubes. D666:45 G8

MYERS (L. M.). Television optics: an introd. D666:45 G81

## D666:48 Radio-Telephony

GUTTON (C.). Lignes telephoniques. D666:48 122G4

HENDRIX (William Samuel). A project in the reception of cultural short wave broadcasts from Spanish America, with some attention to broadcasts from Europe. D666:485 G8

TERMAN (Frederick Emmons), *etc.* Fundamentals of radio. D666:485 G81

LITVINENKO (A. S.). Dictionary of radio terminology in the English, German and Russian languages, ed. by V. I. Bashenoff. D666:Pk G7

## D8 Sanitary Engineering

THEROUX (Frank R.), *etc.* Laboratory manual for chemical and bacterial analysis of water and sewage. D8:E3 G6

## D85 Water Supply

METROPOLITAN WATER BOARD. *London.* Annual report on the results of the chemical and bacteriological examination of the London waters. 29—31 1934—1936. D85r3124

AMERICAN PUBLIC HEALTH ASSOCIATION, *etc.* Standard methods for the examination of water and sewage. D85:E G6

URBACH (Carl). Stufenphotometrische Trinkwasser-analyse. D85:E3 113G7

HASTINGS (Anna B.). Biology of water supply.

D85:G G7

WATER POLLUTION RESEARCH BOARD. *Great Britain*.  
Survey of the river Tees. 3 pts.

D854u3:N3 G1.1—G1.3

RYAN (William J.). Water treatment and purification.

D855 G7

### **D866 Sewage Disposal**

FOLWELL (A. Prescott). Sewerage: the designing, constructing and maintaining of sewerage systems and sewage treatment plants.

D866 G6

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## E Chemistry

The following are the chief divisions under which the books in Chemistry are grouped:—

E1:1	Inorganic chemistry
E1:5	Organic chemistry
<b>E2</b>	<b>Physical chemistry</b>
E2136	Ionisation
E22	Solutions
E235	Colloids
E3	Analytical chemistry
E4	Synthetic chemistry
<b>E7</b>	<b>Biochemistry</b>
E7:6	Biochemistry of carbohydrates.
E7:9	Biochemistry of biosubstances
E7:982	Biochemistry of enzymes

- 
- PILCHER (Richard B.). Profession of chemistry. Eb:3:N3 G8  
CHEMIST'S yearbook. 1923; 1938— En3:N15  
MIALL (Stephen), *etc.* Chemistry, matter and life. E G7

### E1:1 Inorganic Chemistry

- SITARAMAN (M. L.). Practical chemistry. E1:1y8 G8  
MELLOR (J. W.). A comprehensive treatise on inorganic and theoretical chemistry. V. 16. E1:1 F2.16

**E1:5 Organic Chemistry**

- HEILBRON (I. M.), *etc.* *Eds.* Dictionary of organic compounds: the constitution and physical and chemical properties of the principal carbon compounds and their derivatives, together with the relevant literature references. 3 V. E1:5k G4.1—G4.3
- HOLLEMAN (A. F.). Textbook of organic chemistry. E1:5 F5
- COHEN (Julius B.). Organic chemistry for advanced students. Pt. 3. Synthesis. E1:5 F81.3
- HICKINBOTTOM (Wilfred John). Reactions of organic compounds. E1:5 G6
- KARRER (Paul). Lehrbuch der organischen Chemie. E1:5 113G7
- FIESER (L. F.). A supplement to the chemistry of natural products related to phenanthrene, being a reprint of the appendix of recent literature, to the publication date, January 1, 1937, and rev. indexes with page ref. to the first edn. E1:713 G7

**E2 Physical Chemistry**

- PHYSICO-CHEMICAL SOCIETY OF JAPAN. Review of physical chemistry of Japan with complete abstracts of the physico-chemical literature. V. 11— 1937— E2m42:N27
- STEWART (Alfred W.). Some physico-chemical themes. E2 F21
- LEWIS (William C. McC.). System of physical chemistry. 2 V. E2 F52.1—F52.2
- GLASSTONE (Samuel). Recent advances in physical chemistry. E2 G1
- WATERS (William A.). Physical aspects of organic chemistry, *etc.* E2 G7

**E2136 Ionisation**

- GURNEY (R. W.). Ions in solution. E2136 G6
- KORDATZKI (W.). Taschenbuch der praktischen pH-Messung für wissenschaftliche laboratorien und technische Betriebe. E2136 113G5
- JORGENSEN (Holger), *etc.* Die Bestimmungen der Wasserstoffionen-konzentration (pH) und deren Bedeutung für Technik und Landwirtschaft. E2136 113G51

**E22 Solutions**

- RAKSHIT (Jitendra Nath). Association theory of solution and inadequacy of dissociation theory. E22 G0
- GIBSON (R. E.). Nature of solutions and their behavior under high pressures, *etc.* E2201 G8

**E235 Colloids**

- SAUER (E.). Kolloidchemisches Praktikum. E235y8 113G5

- STILLWELL (Charles W.). Crystal chemistry. E28 G8

**E3 Analytical Chemistry**

- MORTON (R. Alan). Two lectures on practical aspects of absorption spectrophotometry. E305z7 G8
- BRENNECKE (E.), *etc.* Neuere massanalytische Methoden. E33 113G7
- PARISELLE (H.). Polarimetrie et chimie. E3305 122G6
- SNELL (Foster Dee), *etc.* Colorimetric methods of analysis, including some turbidimetric and nephelometric methods. V. 1. Inorganic. E3405:1 G6

SNELL (Foster Dee), *etc.* Colorimetric methods of analysis including some turbidimetric and nephelometric methods. V. 2. Organic and biological.

E3405:5 G7

KOLTHOFF (I. M.), *etc.* Textbook of quantitative inorganic analysis.

E34:1 G7

EMICH (Friedrich). Microchemical laboratory manual, with a section on spot analysis, by Fritz Feigl, tr. by Frank Schneider.

E39y8 G2

#### E4 Synthetic Chemistry

BLANCHARD (Arthur A.), *etc.* Synthetic inorganic chemistry.

E4:1 G6

#### E7 Biochemistry

HOPKINS (Frederick Gowland). *Ded.* Perspectives in biochemistry: thirty-one essays presented by his past and present members of his laboratory, ed. by Joseph Needham and David E. Green.

E7jM26 G7

BERTHO (A.), *etc.* Biochemisches Praktikum.

E7y8 113G6

WILLIAMS (Roger J.). An introd. to biochemistry.

E7 G13

BALDWIN (Ernest). An introd. to comparative biochemistry, *etc.*

E7 G7

HOLMES (Eric). The metabolism of living tissues.

E7 G71

BOMER (A.), *etc.* *Bearbt.* Allgemeine untersuchungsmethoden. 2 T.

E7 113G3.2—G3.3

LEHNARTZ (E.). Einführung in die chemische Physiologie.

E7 113G7

**E7:6 Biochemistry of Carbohydrates**

- OHLE (Heinz). Die Chemie der Monosaccharide und der Glykolyse. E7:681 113G1
- NORMAN (A. G.). The biochemistry of cellulose, the polyuronides lignin, etc. E7:6894 G7

**E7:9 Biochemistry of Biosubstances**

- LETTRE (H.), *etc.* Über Sterine, Gallensauren und Verwandt-naturstoffe Herzgifte, Hormone, Saponine und Vitamin D, *etc.* E7:93K 113G6
- BULL (Henry B.). The biochemistry of the lipids. E7:96 G7

**E7:982 Biochemistry of Enzymes, etc.**

- FERMENT Forschung. B. 15— 1936|38—  
E7:982m55:N14
- NORD (F. F.), *etc.* *Hrsg.* Ergebnisse der Enzymforschung. Bd. 7. E7:982 G2.7
- TAUBER (Henry). Enzyme chemistry. E7:982 G7
- MELDRUM (Norman U.). Cellular respiration. E7:9821 G4
- WENT (F. W.), *etc.* Phytohormones. E7:986J G7
- 
- ZECHMEISTER (L.), *etc.* Die chromatographische Adsorptions-methode: Grundlagen, Methodik, Anwendungen. E7232 113G7

## F Technology

- SHERWOOD (Thomas K.). Absorption and extraction.  
F:97 G7
- HOUWINK (R.). Elasticity, plasticity and structure of matter, tr. by Mrs. H. E. Teves-Aely, with a chap. on the plasticity of crystals by W. G. Burgers.  
F:C2:5 G7
- NASH (Alfred W.), *etc.* Principles of motor fuel preparation and application. V. 1. F5552 G3.1
- MITCHELL (C. Ainsworth). Vinegar: its manufacture and examination. F5964 F6
- MENON (A. K.). Manufacture of soap in India.  
F9496 G8
- PACIFIC NORTHWEST CHEMURGIC CONFERENCE. 1. *Washington*. 1937. Report. FJp735:N37 G7
- DOUMANI (Thomas). *Comp.* Wood chemical industries of Washington *etc.* FJA G7
-

## G Natural Science (General) and Biology

The following are the chief divisions under which the books in this subject are grouped:—

G:33C5	Mitogenetic radiation
G:5	General ecology
G:5:1951	Fresh-water life

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TOKYO BUNRIKA DAIGAKU. Science reports. Section C.  
V. 1— 1932|37— Gm42:N37

GUNTHER (R. T.). Early science in oxford. V. 3.  
Pt. 1. Biological sciences. 2 Biological collec-  
tions. Gv3:M9 F5

JEFFERIES (Richard). Out-of-doors with Richard Jeffe-  
ries: an anthology. Gy7 G5

LEE (Bolles). Microtomist's vade-mecum: a handbook of  
the methods of animal and plant microscopic  
anatomy, ed. by J. Bronte Gatenby and Theophilus  
S. Painter. G:19 G7

GATENBY (J. Bronte). Biological laboratory technique:  
an introd. to research in embryology, cytology and  
histology. G:19 G71

### G:33C5 Mitogenetic Radiation

HOLLAENDER (Alexander), *etc.* An experimental study  
of the problem of mitogenetic radiation.  
G:33C5y8 G7

GURWITSCH (Alexander), *etc.* Die mitogenetische Strah-  
lung zugleich zweiter Band der, "Probleme der  
Zellteilung". G:33C5 113G2

**G:5 General Ecology**

ECOLOGICAL SOCIETY OF AMERICA. Ecology, etc. V. 9.  
1928. G:5m73 :N151

**G:5:1951 Fresh-Water Life**

- NEEDHAM (James G.), *etc.* Life of inland waters.  
G:5:1951 G0
- Guide to the study of fresh-water biology, with  
sp. ref. to aquatic insects and other invertebrate  
animals and phyto-plancton. G:5:1951 G8
- LENZ (Friedrich). Einführung in die Biologie der  
Susswasserseen. G:5:1951 113F8
- 
- BLAKESLEE (Albert F.) and AVERY (Amos G.). Methods  
of inducing doubling of chromosomes in plants.  
G:61y8 G8
- CRILE (George). Phenomena of life: a radio-electric  
interpretation, ed. by Amy Rowland.  
G1:C G6
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## H Geology

The following are the chief divisions under which the books in Geology are grouped:—

Hu72	Geological survey of Canada
H1	Mineralogy
H2	Petrology
H4	Dynamic geology
H422	Action of water
H5	Stratigraphy
H69	Mammalian paleontology
H7	Economic geology
H7u	Survey
H7118	Gold deposits
H7210	Ground-water resources
H7551	Coal deposits
H8	Cosmic hypothesis

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SHAW (E. W.). Little southwest Miremichi-sevogle  
Rivers area, New Brunswick. Hu7212 G6

CALEY (J. F.). Geology of Woodstock area, Carleton  
and York counties, New Brunswick.

Hu7212 G61

HANSON (G.), *etc.* Eagle-McDame area, Cassiar district,  
British Columbia. Hu7252 G6

JOHNSTON (J. R.). Reconnaissance of Pelly river  
between MacMillan river and Hoole Canyon,  
Yukon. Hu7253 G62

HENDERSON (J. F.). Geology and mineral deposits of  
Ville-Marie and Guilled (Mud) lake map-areas,  
Quebec. Hu728 G6

GUNNING (A. C.). Cadillac area, Quebec. Hu728 G7

MERTIE (J. B.). *Jr.* The Yukon-Tanana region, Alaska.  
Hu76 G7

### H1 Minerology

ROGERS (Austin Flint). *Introd. to the study of minerals, with a section on micro-chemical analysis by Lloyd W. Staples.* H1 G7

BRITISH MUSEUM. NATURAL HISTORY. *A guide to the mineral gallery.* H1:13 G7

WELLS (Roger C.). *Analysis of rocks and minerals from the laboratory of the United States Geological Survey, 1913—36.* H1:5 G7

### H2 Petrology

JOHANNSEN (Albert). *A descriptive petrography of the igneous rocks. V. 4. 2 pts.*

H21 G1.3—G1.4

HATCH (F. II.), *etc.* *The petrology of the sedimentary rocks, rev. by Maurice Black.* H23 G8

### H4 Dynamic Geology

DALY (Reginald Aldworth). *Our mobile earth.* H41 F9

HECK (Nicolas Hunter). *Earthquakes.* H4132 G6

LABROUSTE (Henri). *L'analyse des seismogrammes.* H4132 122G4

### H422 Action of Water

WILLIAMS (Gordon R.), *etc.* *Selected bibliog. on erosion and silt movement.* H422a G7

SYKES (Godfrey). *Delta, estuary, and lower portion of the channel of the Colorado river, 1933 to 1935.* H4223u7343 G7

SYKES (Godfrey). The Colorado delta.

H4223u7343 G71

PIGGOTT (Charles Snowden). Core samples of the ocean bottom and their significance, etc.

H4225 G8

VAN DIEREN (J. W.). Organogene Dunenbildung: Eine geomorphologische Analyse der Dunenlandschaft der West-Friesischen Insel Terschelling mit pflanzensoziologischen Methoden.

H426 113G4

### H5 Stratigraphy

HINDS (Norman E. A.). Contributions to pre-Cambrian geology of Western North America.

H51u71 G6

WRIGHT (W. B.). The quaternary ice age.

H55 G6

### H69 Mammalian Paleontology

GREGORY (William K.), *etc.* Fossil anthropoids of the Yale-Cambridge India expedition of 1935.

H69u2:4 G7

SIMPSON (George Gaylord). Fort Union of the Crazy Mountain Field, Montana and its mammalian faunas.

H697u7363:41 G7

### H7 Economic Geology

#### H7a Survey

UNITED STATES. MINES (Bureau of—). FOREIGN MINERALS DIVISION. Mineral raw materials: survey of commerce and sources in major industrial countries.

H7u1 G7

BAIN (H. Foster). Ores and industry in the Far East: the influence of key mineral resources on the development of oriental civilization, with a chap. on petroleum by W. B. Heroy.

H7u4 G3

- WONG (William A.). Mineral wealth of China.  
H7u41 F7
- KINDLE (E. D.). Mineral resources, Usk to Cedarvale,  
Terrace area, Coast District, British Columbia.  
H7u7252 G71
- RICHARDSON (G. B.). Geology and mineral resources of  
the Butler and Zelienople quadrangles, Pennsyl-  
vania.  
H7u7312 G6
- GILLULY (James). Geology and mineral resources of the  
Baker Quadrangle, Oregon, etc. H7u7353 G7
- MOORE (Bernard N.). Nonmetallic mineral resources of  
Eastern Oregon. H7u7353 G71

### H7118 Gold Deposits

- EMMONS (William Harvey). Gold deposits of the world,  
with a section on prospecting. H7118u1 G7
- STOCKWELL (C. H.). Gold deposits of Herblake area,  
Northern Manitoba. H7118u723 G3
- 
- McKNIGHT (Edwin T.). Zinc and lead deposits of  
Northern Arkansas. H7123u7336 G5

### H7210 Ground-Water Resources

- UNITED STATES. GEOLOGICAL SURVEY. Contributions to  
the hydrology of the United States. 1935—1936.  
H7210u73m
- Water levels and artesian pressure in  
observation wells in the United States. 1935—1936.  
H7210u73r
- THEIS (Charles V.). Ground water in South central  
Tennessee. H7210u7328 G6
- SAYRE (Albert Nelson). Geology and ground-water  
resources of Uvalile and Medina counties, Texas.  
H7210u7331 G6

H7210u7331            COSMIC HYPOTHESES

SAYRE (Albert Nelson). Geology and ground water resources of Duval County, Texas.

H7210u7331 G7

LONSDALE (John T.), *etc.* Geology and ground-water resources of Webb County, Texas.

H7210u7331 G71

STEARNS (Harold T.), *etc.* Records of wells on the Snake river plain, South Eastern Idaho.

H7210u7354 G6.2

HEWETT (D. F.), *etc.* The warm springs of Georgia: their geologic relations and origin: a summary report.

H7210:16u7323 G7

**H7551 Coal Deposits**

HUNT (Charles B.), *etc.* Coal deposits of Pike County, Kentucky.

H7551u7318 G7

WARING (Gerald A.). Geology of the Anthracite ridge coal district, Alaska.

H7551u76 G6

**H8 Cosmic Hypotheses**

HOLMES (Arthur). The age of the earth.            H8 G7

ADAMS (Leason H.). The earth's interior, its nature and composition.            H8 G71

TAMS (Ernst). Grundzuge der physikalischen, verhältnisse der Festenerde, ihre Beziehungen zur geologischen Gestaltung des Erdantlitzes. T. 2.

H8 113G2.2

PERRIER (Edmond). La terre avant l'histoire les origines de la vie et de l'homme.            H8 122F0

## I Botany

The following are the chief divisions under which the books in Botany are grouped:—

I:3	Plant physiology
I:8	Palaeobotany
I2	Thallophyta
I21	Bacteria
I22	Algae
I5	Flowering plants

- 
- LUNDELL (Cyrus Longworth). The vegetation of Peten, with an appendix. Studies of Mexican and Central American plants. 1. Iu75 G7
- CHARLES Flahault. 1852—1935. IwM52 122G6
- HABERLANDT (G.). Botanisches Vademecum für bildende Künstler und Kunstgewerber. I 113G6
- PERCIVAL (John). Agricultural botany: theoretical and practical. IOJ G6
- BRIQUET (John). International rules of botanical nomenclature adopted by the International Botanical Congresses of Vienna 1905, and Brussels 1910, rev. by the Congress of Cambridge 1930. I:11 G5

### I:3 Plant Physiology

- WRIGHT (E. C. Barton). General plant physiology, etc. I:3 G7
- LOOMIS (Walter F.), *etc.* Methods in plant physiology: a laboratory manual and research handbook, with a chap. on statistical methods, by George W. Snedecor. I:3 G71

STILES (Walter), *etc.* Respiration in plants. I:3:4 G6

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JENSEN (P. Boysen). Growth harmones in plants, tr.  
and rev. by George S. Avery, Jr., and Paul  
R. Burkholder, *etc.* I:75 G6

### I:8 Palaeobotany

HARRIS (Thomas Maxwell). British Rhaetic flora.  
I:8u3:31 G8

SANBORN (Ethel I.), *etc.* Contributions to palaeontology:  
Eocene flora of Western America.  
I:8u735:41 G7

## I2 Thallophyta

KNIEP (Hans). Die Sexualitat der niederen Pflanzen:  
Differenzierung, Verteilung, Bestimmung und  
Vererbung des Geschlechts bei den Thallophyten.  
I2:7 113F8

### I21 Bacteria

GALLOWAY (L. D.), *etc.* Applied mycology and bacterio-  
logy. I210F G7

CLARK (D. G.). Physiological studies on rhizobium  
species. I210J:1 G6

PRIBRAM (Ernst). Klassifikation der Schizomyceten,  
Bakterien: Versuch einer wissenschaftlichen Klassi-  
fikation der Bakterien auf botanischer Grundlage.  
I21:11 113G3

### I22 Algae

CHODAT (R.). Monographies d'algues en culture pure,  
*etc.* I22 122E3

DETONI (Joseph). Diagnoses algarum novarum: post  
sylloges editionum descriptarum. 1. Myxophyceae,  
Centuria III. I22:12:1 12B9.8—3

- LANDSBOROUGH (D.). Popular history of British sea weeds, ... with notices of some of the fresh-water algae. I22:12:3 A3
- TAYLOR (William Randolph). Marine algae of the north eastern coast of North America. I22:12:71 G7
- KUTZING (Friedrich Traugott). Tabulae Physiologicae oder Abbildungen der Tange. 19 B im 9 B. I22:14 113A.1—A.9
- MENEGHINIO (Iosepho). Monographia Nostochinearum italicarum addito specimine de Rivulariis. I221:12:52 121A
- CZURDA (Viktor). Conjugatae. I223:2 113G7
- OLTMANN'S (Friedrich). Beitrage zur Kenntniss der Fucaceen. I225 113B9
- GRUBER (Eduard). Uber Aufbau und Entwicklung ciniger Fevcaceen. I225:2 113C6
- FOSLIE (Mikael Heggelund). Contributions to a monograph of the Lithothamnia, ed. by Henrik Printz. I227 F9

### 15 Flowering Plants

- JACKSON (B. Daydon). *Comp. Index Kewensis*: an enumeration of the genera and species of flowering plants from the time of Linnaeus to the year 1885 inclusive together with their authors' names, the work in which they were first published, their native countries and their synonyms, ed. by Joseph D. Hooker. Supplement 8. 1926—1930. I5:18 C3.12
- GLOCK (Waldo S.). Principles and methods of tree-ring analysis and a contribution by G. A. Pearson. I5:760U28 G7
- 
- BABCOCK (Ernest B.), *etc.* The genus *Youngia*. I8424:12 G7



## J Agriculture

The following are the chief divisions under which the books in Agriculture are grouped:—

<b>J:1</b>	<b>Soil</b>
<b>J:1:1</b>	Reclamation and protection of soil
<b>J:1:H</b>	Soil weathering
<b>J:1:I21</b>	Soil microbiology
<b>J:4</b>	<b>Diseases of crops</b>
<b>J:E3</b>	Agricultural analysis
<b>J1</b>	Landscape gardening
<b>J3</b>	Food crops
<b>J4</b>	Stimulant crops
<b>J961</b>	Rose
<b>JA</b>	<b>Forestry</b>

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**NEWSHAM** (J. C.). *Comp.* Horticultural notebook: a manual of practical rules, data, and tables, etc.

*Jg G7*

**MADRAS. AGRICULTURE** (Department of—). A popular account of the progress of the work of the Madras Agricultural Department, 1922-35. *Jv21:N3 G7*

**SCHAFFER** (Joseph). The social history of American agriculture. *Jv73:N3 G6*

**UNITED STATES. AGRICULTURE** (Department of—). Response of government to agriculture: an account of the origin and development of the United States Department of Agriculture, on the occasion of its 75th anniversary by Arthur P. Chew.

*Jv73:N3 G7*

- RUSSELL (E. John), *etc.* Fifty years of field experiments at the Woburn Experimental Station, with a statistical report by W. G. Cochran. Jy8 G6
- SURYANARAYANA (Mantha). Krisheevala vijayamu. Jz62 35G5

### Treatises

- HUTCHESON (T. B.), *etc.* The production of field crops: a textbook of agronomy. J G6
- WRIGHTSON (John), *etc.* Agriculture: theoretical and practical, a textbook of mixed farming for large and small farmers and for agricultural students, *etc.* J G7
- HALL (A. D.). The feeding of crops and stock: an introd. to the sciences of the nutrition of plants and animals. 3 pts. J G71.1—G71.3
- SOUTH AFRICA. AGRICULTURE AND FORESTRY (Department of—). Handbook for farmers in South Africa. J G72
- COX (Joseph F.), *etc.* Crop management and soil conservation. J G73
- NAGABHUSHANA. Krishijnana pradipike, ed. by P. G. Halakatti. J 33G6

### J:1 Soil

- SCARSETH (George D.). Development, classification and properties of soils: outline of lectures in soils. J:1 G61
- RUSSELL (E. John). Soil conditions and plant growth. J:1 G7
- LYON (T. Lyttleton), *etc.* The nature and properties of soils: a college text of edaphology. J:1 G72
- DE SIGMOND (Alexius A. J.). Principles of soil science, tr. by Arthur B. Yolland, ed. by G. V. Jacks, *etc.* J:1 G8

**J:1:1 Reclamation and Protection of soil**

- AYRES (Quincy Claude). Soil erosion and its control.  
J:1:1 G6
- GUSTAFSON (A. F.). Conservation of the soil.  
J:1:1 G7
- JACKS (G. V.), *etc.* Erosion and soil conservation.  
J:1:1 G8
- LYON (T. L.), *etc.* Lysimeter experiments. Pt. 4.  
Records for tanks 17—20 during the years 1922—  
1933 and for tanks 13—16 during the years  
1913—1928. J:1:1 G6

**J:1:H Soil Weathering**

- BLANCK (E.), *etc.* Contributions to the knowledge of  
chemical weathering and soil formation in Siam.  
J:1:H433 G7
- POLYNOV (B. B.). The cycle of weathering, tr. by  
Alexander Muir, *etc.* J:1:H G71

**J:1:I21 Soil Microbiology**

- WAKSMAN (Selman A.). Principles of soil microbiology.  
J:1:I21 G21

**J:4 Diseases of Crops**

- HEALD (Frederick Deforest). Introd. to plant pathology.  
J:4 G7
- SWEETMAN (Harvey L.). Biological control of insects  
with a chap. on weed control *etc.*  
J:4K86:68 G6
- BELLER (Samuel), *etc.* Preliminary list of insect pests  
and their host plants in Siam, with notes on their  
injury, miscellaneous foods and utilization of the  
host plants. J:4K86:918:433 G6

- NEW SOUTH WALES. AGRICULTURE (Department of—).  
Pruning. J:53 G3
- HILL (Albert F.). Economic botany: a text-book of  
useful plants and plant products. J:9 G7

### J:E3 Agricultural Analysis

- ASSOCIATION OF OFFICIAL AGRICULTURAL CHEMISTS.  
*United States.* Official and tentative methods of  
analysis. J:E3 G6
- WRIGHT (C. Harold). Agricultural analysis: a handbook  
of methods excluding those for soils. J:E3 G8
- 
- WILLCOX (O. W.). ABC of agrobiolgy: the quantitative  
science of plant life and plant nutrition for  
gardeners, farmers and general readers. J:G G7

### J1 Landscape Gardening

- SARANGADHARA. Upavana-vinoda: a Sanskrit treatise on  
arbori-horticulture, being a chap. from the  
'Sarangadhara-paddhati' tr. by Girija Prasanna  
Majumdar. J1xG40 G5
- MAWSON (Thomas H.), *etc.* The art and craft of garden  
making. J1 F6
- ROSS (W. A.), *etc.* Landscaping the farmstead: making  
the farm home grounds more attractive. J1 G8
- WYMAN (Donald). Growth experiments with pin oaks  
which are growing under lawn conditions.  
J14y8 G5
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- RENNER (F. G.), *etc.* A selected bibliog. on management  
of western ranges, livestock, and wild life.  
J2a4:2735:N3 G8

### J3 Food Crops

- STUART (William). Potato: its culture, uses, history and  
classification, ed. by Kary C. Davis. J321 G7

- UNITED PROVINCES. AGRICULTURE (Department of—).  
Improved methods of cane cultivation in the  
United Provinces, by R. L. Sethi, etc. J341 G8
- TRESSLER (Donald K.), *etc.* The freezing preservation of  
fruits, fruit juices, and vegetables.  
J37:77:84 G6
- RAMIAH (K.). Rice in Madras: a popular handbook.  
J381 G7
- PERCIVAL (John). The wheat plant: a monograph.  
J382 F1
- UNITED STATES. EDUCATION (Office of—). Suggestions  
for teaching the job controlling bunt (stinking  
smut) of wheat in vocational agricultural classes.  
J382:4I237:5y8 G7
- SNOWDEN (J. D.). The cultivated races of sorghum.  
J385:912 G6

#### J4 Stimulant Crops

- GREIG (J. L.). The cultivation of lowland tea at the  
central experiment station, Serdang. J451 G7.
- WILLIAMS (Llewelyn). Tea. J451:913 G7
- KENYA. AGRICULTURE (Department of—). Coffee in  
Kenya . . ., ed. by J. McDonald. J481r687 G7
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- REDGROVE (H. Stanley). Spices and condiments.  
J6 G3

#### J961 Rose

- SHERRARD-SMITH (W.). Practical hints on rose culture  
in India. J961 G2
- BHATCHARJI (B. S.). Practical rose growing in India,  
with a chap. on the raising of new roses by  
Courtney Page and a special chap. for Bengal by  
A. C. Pal, etc. J961 G5

BRETT (Walter). *Ed.* Rose encyclopaedia. J961 G8

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THOMPSON (A.). Observations on stem-rot of the oil palm. J971:4I23y7 G7

PATEL (J. S.). The coconut: a monograph. J982 G8

KALE (F. S.). Soya bean: its value in dietetics, cultivation and uses. J988 G7

### JA Forestry

LEAGUE OF NATIONS. COMMITTEE OF STATISTICAL EXPERTS.  
Timber statistics: a minimum programme of timber statistics. JA:74s G8

KAMESAM (S.). Fire proofing of wood. JA:74:26 G7

MUNNS (E. N.). Distribution of important forest trees of the United States. JA:918:73 G8

ANTEVS (Ernst). Rainfall and tree growth in the Great Basin, ed. by J. K. Wright. JA:G:760U2855 G8

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## K Zoology

The following are the chief divisions under which the books in Zoology are grouped:--

K1:3	Invertebrate physiology
K23	Sporozoa
K8	Arthropoda
K86	Insecta
K871	Diptera
K874	Aphaniptera
K9	Vertebrata
K92	Pisces
K96	Aves
K97	Mammalia

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GARDINER (J. Stanley). *Ed.* The fauna and geography of the Maldiva and Laccadive archipelagoes, being the account of the work carried on and of the collections made by an expedition during the years 1899 and 1900. 2 V. K:12:292 D3.1—D3.2

BENEDICT (Francis G.), *etc.* Lipogenesis in the animal body, with sp. ref. to the physiology of the goose. K:31:94 G7

### K1:3 Invertebrate Physiology

BUDDENBROCK (W. v.), *etc.* Vergleichend-physiologisches Praktikum mit besonderer Berücksichtigung der Niederentiere. K1:3y8 113G6

**K23 Sporozoa**

- WATSON** (Minnie Elizabeth). Studies on gregarines, including descriptions of twenty-one new species and a synopsis of the eugregarine records from the myriapoda, coleoptera and orthoptera of the world. K231:12:1 E6.1
- KAMM** (Minnie Watson). Studies on gregarines, II: synopsis of the polycystid gregarines of the world, excluding those from the myriapoda, orthoptera and coleoptera. K231:12:1 E6.2
- SIEDLECKI** (M.). Uber die Struktur und die Lebensgeschichte von *Caryotropha Mesnili*. K231:7 113D7
- DEBAISIEUX** (Paul). *Haplosporidium*, *Minchinia*, *Chitonis* Lank., *Haplosporidium nemertis*, nov. sp. et le groupe des *Haplosporidies*. K235 113F0
- 
- GOPALA AIYAR** (R.). *Salamacis*: the Indian sea-urchin. K54 G8—G82
- RICHARDS** (Oscar W.). The growth of mussel *mytilus californianus*. K712:22 F8

**K8 Arthropoda**

- RATHBUN** (Mary J.). Oxystomatous and allied crabs of America. K81583:12:7 G7

**K86 Insecta**

- HOWARD** (Leland O.). Fighting the insects: the story of an entomologist, etc. K86wM57 G3
- The insect book: a popular account of the bees, wasps, ants, grasshoppers, flies and other North American insects exclusive of the butterflies, moths and beetles, with full life histories, tables and bibliographies. K86 G7



**K86**

**INVERTEBRATES**

- BEIER (Max), *etc.* *Bearbt.* Insecta. T. 2—3.  
K86 113G0.2—G0.3
- HOWARD (Leland O.). The insect menace. K860Y1 G3
- FOLSOM (J. W.). Nearctic collembola or springtails, of  
the family isotomidae. K8612:12 G7
- MANI (M. S.). Catalogue of Indian insects. Pt. 23.  
Chalcidoidea. K864:18:2 G8

**K871 Diptera**

- EVANS (Alwen M.). Mosquitoes of the Ethiopian region.  
Pt. 2. Anophelin: adults and early stages.  
K8711:12:682 G6.2
- AUSTEN (E. E.). Bombyliidae of Palestine.  
K8712:12:435 G7

**K874 Aphaniptera**

- WATERSTON (James). Fleas as a menace to man and  
domestic animals: their life history, habits and  
control, rev. by P. A. Buxton. K874 G7

**K9 Vertebrata**

- WORTHINGTON (S.), *etc.* Inland waters of Africa: the  
result of two expeditions to the great lakes of  
Kenya and Uganda, with accounts of their biology,  
native tribes and development. K9:5:1951-6 G3
- SPEMANN (Hans). Experimentelle Beiträge zu Einer-  
theorie der Entwicklung. K9:73 113G6

**K92 Pisces**

- DEAN (Bashford). Bibliography of fishes, ed. by Charles  
Rochester Eastman. 3 V. K92aN1 E6.1—E6.3
- BRITISH MUSEUM. NATURAL HISTORY. Illustrated guide  
to the fish gallery, by J. R. Norman.  
K92:13 G7

**K96 Aves**

- BAKER (E. C. Stuart). Birds. 2 V.  
K96:12:2 G0.1—G0.2
- BENT (Arthur Cleveland). Life histories of North  
American birds of prey : order falconiformes.  
Pt. 1. K9635:5:71 G7.1

**K97 Mammalia**

- DICE (Lee R.), *etc.* Studies of mammalian ecology in  
south-western North America, with sp. attention  
to the colors of desert mammals.  
K97:5:1911-734:875 G7

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## L Medicine

The following are the chief divisions under which the books in Medicine are grouped:—

L:3	Human physiology
<b>L:4</b>	<b>Diseases</b>
L:4:3	Diagnosis
L:4:3253	X-Ray diagnosis
L:4:4	Pathology
L:4:6	Therapeutics
L:4:7	Surgery
<b>L:42</b>	<b>Infectious diseases</b>
<b>L:5</b>	<b>Public health</b>
L:5:X:8	Public health department
L:524	State control of intoxicants
L:558	Public hygiene of air
L:57	Personal hygiene
<b>L:573</b>	<b>Food and nutrition</b>
L:573:E	Chemistry of food and nutrition
L:6	Pharmacognosy
<b>L:63</b>	<b>Pharmacology</b>
L:Z	Legal medicine
<b>L185</b>	<b>The eye</b>
L185:4	Diseases of the eye
L191	Joints
L2	Digestive system
L3	Circulatory system
L4:4	Diseases of the respiratory system

<b>L5</b>	<b>Genito-urinal system</b>
L55:3	Obstetrics
L6	Glandular system
L7:4	Diseases of the nervous system
L91	Children
<b>LA</b>	<b>Ayurvedic medicine</b>

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ARMY MEDICAL LIBRARY. *United States*. Index catalogue of the library of the Surgeon-General's office. Fourth series. V. 2. La4:473:M36 G6.2

ROLLESTON (Humphry). *Ed.* British encyclopaedia of medical practice, including medicine, surgery, obstetrics, gynaecology and other special subjects. V. 1—9. Lk G6.1—G6.9

INDIAN RESEARCH FUND ASSOCIATION. SCIENTIFIC ADVISORY BOARD. Report and summary of the report of Governing Body. 1933|34. Ll2:N12r

HEWER (G. Langton). Recent advances in anaesthesia and analgesia, including oxygen therapy. L:17 G7

### L:3 Physiology

DOUGLAS (C. G.), *etc.* Human physiology: a practical course. L:3y8 G7

STARLING (Ernest H.). Principles of human physiology, ed. and rev. by C. Lovatt Evans; the chap. on the central nervous system and sense organs rev. by H. Hartridge. L:3 G61

BEST (Charles Herbert), *etc.* The physiological basis of medical practice: a University of Toronto text in applied physiology. L:3 G7

- TRENDELENBURG (W.), *etc.* *Hrsgs.* Lehrbuch der Physiologie des Menschen. L:3 113F4
- BARBER (Harold Hayden). Physiology for pharmaceutical students. L:30L:68 G7
- CARPENTER (Thorne M.). The metabolism of alcohol in the animal body. L:33:54 G7

**L:4 Diseases**

- MODERN treatment in general practice, *etc.* V. 1—1934— L:4m3:N34

**L:4:3 Diagnosis**

- KRACKE (Roy R.). *Ed.* Textbook of clinical pathology. L:4:3 G8
- BUCHANAN (Scott). Doctrine of signatures; a defence of theory in medicine. L:4:3:R G8

**L:4:3253 X-Ray Diagnosis**

- BROWN (Percy). American martyrs to science through the Roentgen rays, with a short glossary of the scientific terms used in the text. L:4:3253wM9 G6
- HOLMES (George W.), *etc.* Roentgen interpretation: a manual for students and practitioners. L:4:3253 G62
- FRIEDMAN (Lewis J.). Textbook of diagnostic roentgenology. L:4:3253 G7

**L:4:4 Pathology**

- NATIONAL RESEARCH COUNCIL OF JAPAN. Japanese journal of medical sciences. Section 5. Pathology. Transactions and abstracts. V. 2— 1934|36— L:4:4m42:N20

HADFIELD (Geoffrey), *etc.* Recent advances in pathology.  
L:4:4 G8

GERLACH (Walther), *etc.* Clinical and pathological applications of spectrum analysis . . . , being the tr. of Pt. 2 of "Die chemische Emissionsspektralanalyse", tr. by Joyce Hilger Twyman.  
L:4:402 G4

### L:4:6 Therapeutics

HOUSTON (William R.). The art of treatment.  
L:4:6 G61

MUKERJI (Sudhir Kumar). Prakasa-chikitsa.  
L:4:625 152G8

LAKSHMAN (Sharma K.). The fasting cure.  
L:4:6426 G2

### L:4:7 Surgery

SAUERBRUCH (Ferdinand). Advances in modern surgery.  
L:4:7z7 G7

BAILEY (Hamilton). Emergency surgery.  
L:4:7 G64

SOUTTAR (H. S.). Art of surgery, *etc.* L:4:7 G7

### L:42 Infectious Diseases

STIMSON (Philip Moen). A manual of the common contagious diseases. L:42 G6

PHILIP (Robert W.). Collected papers on tuberculosis.  
L:421zM56 G7

### L:5 Public Health

GREAT BRITAIN. CHIEF MEDICAL OFFICER. Annual report on the state of public health. 1934—

L:5r3

L:5u792:N3

PUBLIC HEALTH

MOUNTIN (Joseph W.), *etc.* Illness and medical care in  
Puerto Rico. L:5u792:N3 G7

GHOSH (Birendra Nath). Treatise on hygiene and public  
health, with sp. ref. to the tropics. L:5 G8

**L:5:X:8 Public Health Department**

CHURCHILL (Stella). Health services and the public.  
L:5:X:8:3:N2 F8

HILL (T. W.). The health of England.  
L:5:X:8:3:N3 G3

POLITICAL AND ECONOMIC PLANNING. *Great Britain.*  
Report on the British health services, a survey of  
the existing health services in Great Britain with  
proposals for future development.  
L:5:X:8:3:N3 G7

**L:524 State Control of Intoxicants**

LEAGUE OF NATIONS. Convention for limiting the manu-  
facture and regulating the distribution of narcotic  
drugs ... 1931: historical and technical study *etc.*  
L:524q1:N31 G7

**L:558 Public Hygiene of Air**

IVES (James E.), *etc.* Measurements of ultra-violet  
radiation and illumination in American cities dur-  
ing the years 1931 to 1933.  
L:558:C52u73:N3 G7

**L:57 Personal Hygiene**

GRAND (Jules). Talks on hygiene, tr. by Fred Rothwell.  
L:57 E9

**L:573 Food and Nutrition**

LEAGUE OF NATIONS. INFORMATION SECTION. New tech-  
nical efforts towards a better nutrition.  
L:573b4 G8

- FISHBEIN (Morris). Your diet and your health.  
L:573 G74
- SILBURN (Judith Ann). Nutrition and sex.  
L:5730S5:5 G7

### L:573:E Chemistry of Food and Nutrition

- DRUMMOND (J. C.). Biochemical studies of nutritional problems.  
L:573:E G4
- DANIEL (Esther Paterson), *etc.* Vitamin content of foods: a summary of the chemistry of vitamins, units of measurement, quantitative aspects in human nutrition and occurrence in foods.  
L:573:E:97 G7

### L:6 Pharmacognosy

- BASTEDO (Walter Arthur). Materia medica, pharmacology, therapeutics and prescription writing, *etc.*  
L:6 G8

### L:63 Pharmacology

- CUSHNY (Arthur Robertson). Pharmacology and therapeutics or the action of drugs in health and disease, ed. by C. W. Edmunds and J. A. Gunn.  
L:63 G6
- MACLEOD (John James Rickard). Carbohydrate metabolism and insulin.  
L:63:L293 F6

### L:Z Legal Medicine

- MITCHELL (C. Ainsworth). Forensic chemistry in the criminal courts.  
L:Zz7 G8
- GONZALES (Thomas A.), *etc.* Legal medicine and toxicology, *etc.*  
L:Z G7

### Specific Regions and Organs

- HARRIS (Wilfred). The facial neuralgias.  
L181-73:417 G7



**L185 The Eye**

DUKE-ELDER (W. Stewart). Text-book of ophthalmology.  
2 V. L185 G8.1—G8.2

REA (R. Lindsay). Neuro-ophthalmology.  
L185-7:4 G3

LUCKIESH (Matthew), *etc.* Science of seeing.  
L185:30D6:5 G7

**\*L185:4 Diseases of the Eye**

TRONCOSO (Manuel Uribe). Internal diseases of the eye  
and atlas of ophthalmoscopy. L185:4 G7

KOMAN NAIR (K.). Ophthalmology in its relation to  
clinical medicine. L185:4:31 G7

KAMESVARAN (L.). Defective sight: its cause and cure.  
L185:4:64 G5

**L191 Joints**

POYNTON (Frederic John), *etc.* Recent advances in the  
study of rheumatism. L191:4722 G7

**L2 Digestive System**

METHODEN zur Untersuchung der Funktionen des Ver-  
dauungsapparates. II. 2. L2:3 113F3.2

KLEIN (Henry), *etc.* Dental caries in American Indian  
children. L214:4241:2 G8

CADY (F. C.), *etc.* Survey of dental activities of state  
departments and institutions of the United States.  
L214:54u73:N3 G6

SCHINDLER (Rudolf). Gastroscopy: the endoscopic study  
of gastric pathology, *etc.* L24:4:31 G7

VERZAR (F.), *etc.* Absorption from the intestines.  
L25:3 G6

**L3 Circulatory System**

ASHMAN (Richard), *etc.* Essentials of electrocardio-  
graphy. L32:3:C6 G7

- LEVINE (Samuel A.). Clinical heart disease. L32:4 G8  
 PINEY (A.), *etc.* Clinical atlas of blood diseases.  
 L35:4:3f G8  
 CARRIE (Curt). Die Porphyrine ihre Nachweis, ihre  
 Physiologie und Klinik. L35:4533 113G6  
 PONDER (Eric). The mammalian red cell and the proper-  
 ties of haemolytic systems. L35:E G4  
 UNITED STATES. PUBLIC HEALTH SERVICE. Pathology of  
 Tularaemia. L396:4247:4 G7

**L4:4 Diseases of the Respiratory System**

- NATIONAL RESEARCH COUNCIL OF JAPAN. Japanese jour-  
 nal of medical sciences. XII. Oto-Rhino Laryn-  
 gology. V. 2. 1933|38. L4:4m42:N20  
 PUNCH (A. Lisle), *etc.* Modern treatment of diseases of  
 the respiratory system. L4:4:6 G6  
 BURRELL (L. S. T.). Recent advances in pulmonary  
 tuberculosis. L45:421 G7

**L5 Genito-Urinal System**

- KEYES (Edward L.), *etc.* Urology. L5:47 G62

**L55:3 Obstetrics**

- MEDICAL COUNCIL OF INDIA. Notes on the teaching of  
 midwifery in the British Indian Universities, with  
 comparative tables. L55:3b32:N3 G7  
 SOLOMONS (Bethel), *etc.* Tweedy's practical obstetrics.  
 L55:3 G7  
 TITUS (Paul). Management of obstetric difficulties.  
 L55:3 G71  
 KERR (J. M. Munro). Operative obstetrics: a guide to  
 the difficulties and complications of obstetric prac-  
 tice, ed. by Donald McIntyre and D. Fyfe  
 Anderson. L55:3 G72

- HAIRE (Norman). Birth-control methods: contraception, abortion, sterilisation, etc. L55:394 G7
- LEAGUE OF NATIONS. HEALTH ORGANISATION. Inquiry into the results of radiotherapy in cancer of the uterus: atlas illustrating the division of cancer of the uterine cervix into four stages according to the anatomico-clinical extent of the growth, prep. by J. Heyman. L553:47257g G8

### L6 Glandular System

- TRENDELENBURG (Paul). Die Hormone: ihre Physiologie und Pharmakologie. 2 B. L6:3 113F9.1—F9.2
- WERNER (August A.). Endocrinology: clinical application and treatment. L6:4 G7
- GOLDZIEHER (Max A.). Practical endocrinology: symptoms and treatment. L6:4 G71
- BROSTER (L. R.), *etc.* Adrenal cortex and intersexuality. L61:453z7 G8
- HERTZLER (Arthur E.). Surgical pathology of the thyroid gland. L65:4711:4 G6

### L7:4 Diseases of the Nervous System

- GORDON (R. G.), *etc.* Introd. to psychological medicine. L7:4 G6
- LAKSHIMAN (Sarma K.). Mental healing. L7:4:691 G1
- DENT (John Yerbury). Reactions of the human machine. L7:4:691 G61
- ENGLISH (O. Spurgeon), *etc.* Common neuroses of children and adults. L7:4:691 G7
- LAFORGUE (Rene). Clinical aspects of psycho-analysis, tr. by John Hall. L7:4:691 G8
- HINSIE (Leland E.). Concepts and problems of psychotherapy. L7:4:691 G81
- HENRY (George W.). Essentials of psychiatry. L7:4:691 G82

ROSANOFF (Aaron J.). Manual of psychiatry and mental hygiene. L7:4:691 G83

PROLOV (Y. P.). Pavlov and his school: the theory of conditioned reflexes, tr. by C. P. Dutt. L71:3 G8

CANNON (Walter B.), *etc.* Autonomic neuro-effector systems. L77:3 G7

BURNS (B. H.), *etc.* Recent advances in orthopaedic surgery. L82:471:7 G7

SCHWARTZ (Louis), *etc.* Skin hazards in American industry. V. 2. L87:415:510X9u73:N3 G4.2

### L91 Children

ZAHORSKY (John), *etc.* Synopsis of pediatrics. L91:4 G7

HARDY (Martha Crumpton), *etc.* Healthy growth: a study of the influence of health education on growth and development of school children. L91:50T G6

### LA Ayurvedic Medicine

VAIDYA (K. M.). Ashtanga hridaya kosha, with the hridaya prakasha: a critical and explanatory comm. LAx3k 15G6

KASYAPA. Kasyapasamhita, ed. by Sampatkumara Ramana-  
nuja Muni. LA:441:6x1 15G3

SUNDARAM (A. R. S.). Hindu pharmacopoeia. LA:65 G3

——— Ayurveda oushada muraigal. LA:65 31G5

MOOKERJI (Bhudeb). *Tr.* Rasa-jala-nidhi or ocean of Indian chemistry and alchemy. V. 4. LA:68 F6.4

## M Useful Arts

The following are the chief divisions under which the books in Useful Arts are grouped:—

M1	Book-production
M3	Domestic science
MK	Animal husbandry and veterinary science
MK2	Cattle
MK2:573	Food and nutrition of cattle
MK2:G:6	Cattle breeding
MK31	Dairying
MK351	Poultry-keeping
MV4	Military science
MY	Sports and games

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### M1 Book-Production

CARTER (John). *Ed.* New paths in book collecting:  
essays by various hands, etc. M1z7 G4

### M3 Domestic Science

WHITAKER (Ruth). Modern developments in domestic  
science training, etc. M3b33:N3 G7

COOPER (Charles). English tables in history and litera-  
ture. M3v3:N2 F9

CARPENTER (Rowena Schmidt), *etc.* Menus and recipes  
for lunches at school. M310T15 G6

### MK Animal Husbandry and Veterinary Science

MACEWAN (J. W. G.), *etc.* Science and practice of  
Canadian animal husbandry. MK G6

WOOD (T. B.). Animal nutrition. MK:573 G2

**MK2 Cattle****MK2:573 Food and Nutrition**

- MAYNARD (Leonard A.). Animal nutrition.  
MK2:573 G7
- BULL (Sleeter), *etc.* Principles of feeding farm animals.  
MK2:573 G71
- NATIONAL RESEARCH COUNCIL. *United States.* COMMITTEE ON ANIMAL NUTRITION. Mineral nutrition of farm animals by H. H. Mitchell and F. J. McClure.  
MK2:573 G72

**MK2:G:6 Cattle Breeding**

- LUSH (Jay L.). Animal breeding plans. MK2:G:6 G7
- OLVER (Arthur). A brief survey of some of the important breeds of cattle in India.  
MK2:G:6 G8

**MK31 Dairying**

- MATTICK (A. T. R.). Handling of milk and milk products.  
MK31:7 G7

- 
- BRODY (Arthur Louis). The transmission of fowl-fox.  
MK35:4:23:2 G6

**MK351 Poultry-Keeping**

- THOMPSON (Willard C.). Egg farming, *etc.* MK351 G6
- BARGER (Edgar Hugh), *etc.* Diseases and parasites of poultry.  
MK351:4 G8

**MV4 Military Science**

- GREAT BRITAIN. WAR (—office). Examination of army officers for promotion: papers set in March, 1938 with remarks by the examiners.  
MV4b112r
- JADHAV (G. M.). Military science.  
MV4z7 G8

MYm2:N36

SPORTS AND GAMES

**MY Sports and Games**

INDIAN OLYMPIC ASSOCIATION. Sports, etc. V. 1—  
1936— MYm2:N36

SWARNAVALLI (K.). *Ed.*. Vinoda silpamu. Pt. 1.  
MY34 35G5.1

SANKARAN MOUSED (K.). *Ed.* Indrajala kautukam.  
MY4 32F8



## △ **Spiritual Experience and Mysticism**

The following are the chief divisions under which the books in Spiritual Experience and Mysticism are grouped:—

△xM96	Krishnamurti's works
△y7	Mystics
△:8	<b>Occultism</b>
△:8:16	Spiritualism
△:864	Astrology
△:866	Premonition
△:R	Philosophy of mysticism
△2	Hindu mysticism
△3	Jain mysticism
△4	Buddhist mysticism
△5	Judaic mysticism
△6	Christian mysticism
△63	Gnosticism
△73	Sufism
△8452	Mithraism
△8513	Neo-Platonic mysticism
△E	Occult chemistry
△J	Occult agriculture

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### △xM96 **Krishnamurti's Works**

**KRISHNAMURTI (J.)**. Verbatim reports of talks and answers to questions at Italy and Norway, 1933, Adyar, India, 1933|34, Ojai Camp, 1934, Auckland, N. Z. 1934. △xM96 G3

—— Authentic report ... of talks given in Latin America, at Ojai, etc. △xM96 G6



- A SERVER. *Pseud. Comp.* Meditations, being selections from "At the feet of the master".  $\Delta xM96:1$  F3
- ARUNDALE (George S.). Thoughts on "At the feet of the master".  $\Delta xM96:1:9$  E8
- LEADBEATER (C. W.). Talks on "At the feet of the master".  $\Delta xM96:1:9$  F2
- DAVIES (J. Tyssul). The religion of J. Krishnamurti, without rite, without church.  $\Delta xM96:9$  F9

 $\Delta y7$  Mystics

- PAPAIYA CHETTY (B.). Sri Saileela.  $\Delta y7M36$  35G8
- YEATS (W. B.). A vision.  $\Delta y7M651$  G7
- NARASIMHA SWAMI (B. V.). Sage of Sakori.  $\Delta y7M70$  G8
- CHANDRASEKHARA AIYAR (K. S.). J. Krishnamurti: some impressions.  $\Delta y7M96$  F7
- WODEHOUSE (E. A.). The new Krishnaji.  $\Delta y7M96$  F71
- BOEKOE nomor i jaito bernama mengadep pada kakinja sang Goeroedewa j ang mengarang Alkyone J. Kresnamoerti.  $\Delta y7M96$  112E1

- 
- MUKERJEE (Radhakamal). Theory and art of mysticism.  $\Delta$  G7
- GUENON (Rene). Le symbolisme de la croix.  $\Delta :18$  122G1
- Autorite spirituelle et pouvoir temporel.  $\Delta :7:W$  122G0

 $\Delta :8$  Occultism

- LEADBEATER (C. W.). Invisible helpers.  $\Delta :8$  E8
- CANNON (Alexander). The power of Karma in relation to destiny.  $\Delta :8$  G6

△:8:16 **Spiritualism**

- TYRRELL (G. N. M.). Science and psychical phenomena.  
△:8:16 G8
- GUENON (Rene). L'erreur spirite. △:8:16 122G0
- JAGANNADHASWAMI (P.). Atmajignasa sanghamu: psychical research and man's survival of bodily death.  
△:8:16 35E6
- WESTAWAY (F. W.). Obsessions and convictions of the human intellect. △:8:9 G8

△:864 **Astrology**

- THIERENS (A. E.). Astrology in Mesopotamian culture: an essay. △:864v467:A G5
- NRISIMHA SURI. Kalaprakasika, ed. by T. Ramaswamy Sastri. △:864 15F3
- RAMANUJACHARYA (V.). *Tr.* Kalamrita, with a comm. by Venkatesa Yajwan. △:864 31F1

- 
- CARINGTON (Whately). Preliminary experiments in pre-cognitive guessing. △:866 G5

△:R **Philosophy of Mysticism**

- BEALE (W. J.). Divine causation: a critical study concerning intermediaries. △:R G7
- HUGHES (Thomas Hywel). Philosophic basis of mysticism. △:R G71

△1:3 **Integral Yoga**

- AUROBINDO. Bases of yoga. △1:3 G6

△2 **Hindu Mysticism**

- PUROHIT SWAMI. An Indian monk: his life and adventures, etc. △2y7M82 G2
- SHARPE (Elizabeth). Flame of God: a mystical autobiography. △2y7M88 G0

- BEHANAN (Kovoor T.). *Yoga: a scientific evaluation.*  
 △2 G8
- YEATS-BROWN (F.). *Yoga explained, etc.* △2:3 G7
- BRUNTON (Paul). *The quest of the overself.*  
 △2:3 G71

△3 Jain Mysticism

- YOGINDUDEVA. *Paramatmaprakasa: Paramappapayasu:*  
 an apabhramsa work on Jaina mysticism, the  
 apabhramsa text, ed. with Brahmadeva's Sanskrit  
 comm. and Daulatarama's Hindi tr. ... and also  
*Yogasara*, ed. ..., by A. N. Upadhye.  
 △3xD50 152G7

△4 Buddhist Mysticism

- DAWA-SAMDUP (Kazi). *Ed. Shrichakra sambhara tantra:*  
 a buddhist tantra. △41:3 E9

△5 Judaic Mysticism

- BUBER (Martin). *Jewish mysticism and the legends of*  
*Baalshem* tr. by Lucy Cohen. △5z7 G1
- SPERLING (Harry), *etc. Trs. Zohar, etc.* 5 V.  
 △5:8x1 G1.1—G1.5
- REGARDIE (Israel). *A garden of pomegranates: an out-*  
*line of the Qabalah.* △5:8 G2

△6 Christian Mysticism

- BERNARD. *Saint.* *On the love of God*, tr. ... by Terence  
 L. Connolly. △6xD91 G7
- JOHN. *Saint.* *Complete works*, tr. from the critical ed.  
 of P. Silverio de Santa Teresa, ed. by E. Allison  
 Peers. 3 V. △6xJ42 G4.1—G4.3
- BOEHME (Jacob). *Confessions*, comp. and ed. by W.  
 Scott Palmer, *etc.* △6xJ75:11 F0

- BOEHME (Jacob). Way to Christ, described in the following treatises: of true repentance, of true resignation, of regeneration, of the supersensual life. △6xJ75:12 F7
- De electione gratiae and questiones theosophicae, with a biog. sketch, tr. . . ., by John Rolleston Earle. △6xJ75:13 G0
- Supersensual life or the life which is above sense, being two dialogues between a scholar or disciple and his master, tr. by William Law. △6xJ75:21 G5
- Signature of all things. △6xJ75:22 G4
- PEERS (E. Allison). Ramon Lull: a biography. △6y7G32 F9
- UNDERHILL (Evelyn). House of the soul. △6z7 G3
- Spiritual life: four broadcast talks. △6z7 G8

### △63 Gnosticism

- MEAD (G. R. S.). Fragments of a faith forgotten: some short sketches among the gnostics mainly of the first two centuries, a contribution to the study of the Christian origins, etc. △63 G1
- BAYNES (Charlotte A.). *Tr.* A coptic gnostic treatise contained in the Codex Brucianus, etc. △63 G3

### △73 Sufism

- JALALUDDIN RUMI. Mathnawi, ed. . . . tr. and comm. by Reynold A. Nicholson. V. 7. Containing the comm. on the first and second books. △73xG07:9 G7.1
- INAYAT KHAN. Way of illumination: a guide book to the Sufi movement. △73 G7

△8452 **Mithraism**

- MEAD (G. R. S.). *Mysteries of Mithra.* △8452 D7  
 ——— A Mithriac ritual. △8452 D71

△8513 **Neo-Platonic Mysticism**

- HERMES. *Hermetica: the ancient Greek and Latin writings which contain religious or philosophic teachings*, ed. and tr. by Walter Scott. 4 V.  
 △8513x1 F4.1—F4.4
- EBREO (Leone). *Philosophy of love: dialoghi d'amore*, tr. by F. Friedeberg-Seely and Jean H. Barnes, etc.  
 △8513x160:1 G7
- WHITBY (Charles J.). *Wisdom of Plotinus: a metaphysical study.* △8513 E9

△E **Occult Chemistry**

- KOLISKO (L.). *Workings of the stars in earthly substances: experimental studies from the biological institute of the Goetheanum, with plates.*  
 △E1:1 F8
- *Gold and the Sun: an account of experiments conducted in connection with the total eclipse of the Sun of 19th June, 1936, tr. ... by G. S. Francis.* △E1:118 G6
- *Jupiter and tin: experimental studies from the biological institute of the Goetheanum, with plates.*  
 △E1:145 G2

△J **Occult Agriculture**

- KOLISKO (L.). *Moon and the growth of plants.*  
 △J:G:7 G8

△Y1:1 **Occult Theory of Civilisation**

- WOOD (Ernest). *The Seven rays: a theosophical handbook.* △Y1:1 F5

## N Fine Arts

The following are the chief divisions under which the books in Fine Arts are grouped:—

Nv	History of fine arts
N053:N24	Surrealism
N1	Architecture
N1:1	Town planning
N12	Indian architecture
N153	French architecture
N2	Sculpture
N22	Indian sculpture
N22:C	Buddhist sculpture
N221	South Indian sculpture
N241	Chinese sculpture
N243	South-eastern Asiatic sculpture
N4	Drawing and pattern work
N5	Painting
N7	Dancing
N8	Music
N82	Indian music
N821	South Indian music
N821:K	Carnatic music
N821:Kw	Biographies
N821:Kx	Works
N821:K	Treatises
N85	European music
N91	Theatre

**Nv History of Fine Arts**

- N**AWRATH (Alfred). Indien und China: Meisterwerke der Baukunst und Plastik, mit 208 Abbildungen und einer Karte. Nv4:J6 113G8
- M**INAMOTO (H.). An illust. history of Japanese art, tr. by Harold G. Henderson. Nv42:M6 G5
- B**LU M (Andre S.). Short history of art from prehistoric times to the present day . . ., tr. by R. R. Tatlock. Nv5:N0 F6
- B**OSSERT (H. Th.), *etc.* Hellas and Rome: the civilisation of classical antiquity. Nv52:D6 G6
- R**ANKE (Hermann). *Ed.* Art of ancient Egypt: architecture, sculpture, painting, applied art. Nv671:D2 G6

- 
- R**OLLAND (Romain). Vie de Michel-Ange. NvI75 122G6

**N053:N24 Surrealism**

- B**ARR (Alfred H.). *Jr. Ed.* Fantastic art dada surrealism: essays by Georges Hugnet. N053:N24 G7

**N1 Architecture**

- V**ALERY (Paul). Eupalinos ou l'architecte precede de l'ame et la danse. N1z62 122G8
- P**OND (Irving K.). The meaning of architecture: an essay in constructive criticism. N1 E8
- F**LETCHER (Banister). The romance of architecture. N1 F9
- Architecture and its place in general education. N1 G0
- M**EYER (Franz Sales). A handbook of ornament, rev. by Hugh Stannus. N1::99 G4

**N1:1 Town Planning**

- GIBBON (Gwilym). Problems of town and country  
planning. N1:1:X:8:3:N3 G7
- 

- SHAND (P. Morton). Modern theatres and cinemas.  
N1:9N95 G0

- CATHEDRALE de Chartres. N1:9Q6h53:E84 G4

**N12 Indian Architecture**

- HAVELL (E. B.). The ancient and medieval architecture  
of India: a study of Indo-Aryan civilization.  
N12v2:E1 E5

- FERGUSSON (James). History of Indian and eastern  
architecture, rev. and ed., with additions, Indian  
architecture by James Burgess and eastern archi-  
tecture by R. Phene Spiers. 2 V.  
N12v2:L9 E0.1—E0.2

**N153 French Architecture**

- PARIS ville d'art. N153h G1

**N2 Sculpture**

- MAANDBLAD voor beeldende kunsten. J. 14— 1937—  
N2m5962:N24

**N22 Indian Sculpture**

- CHANDA (Ramaprasad). Medieval Indian sculpture in  
the British Museum, etc N22v2:E0 G6
- SUTRADHARA MANDANA. Devatamurtiprakaranam and  
rupamandanam: manuals of Indian iconography  
and iconometry, ed. by Upendra Mohan Sankhya  
tirtha. N22:9Qx120 15G6



**N22:C Buddhist Sculpture**

- HACKIN (J.). Guide-catalogue de Musee Guimet: les collections Bouddhiques, expose historique et iconographique; Inde centrale et Gandhara, Turkestan, Chine septentrionale, Tibet. N22:Cg 122F3
- VOGEL (J. Ph.). Buddhist art in India, Ceylon and Java, tr. by A. J. Barnouw. N22:C G6
- GRUNWEDEL (Albert). Buddhistische Kunst in Indien. N22:C 113D0
- COOMARASWAMY (Ananda K.). Elements of Buddhist iconography. N22:C:9Q4 G5
- SUNDARA SARMA. Pillars of India: a preliminary study showing their out and out Indianness and Rig Vedic conception. N22:C4:91 G6

**N221 South Indian Sculpture**

- RODIN (Auguste), *etc.* Sculptures Civaites. N221:G:9Q23 122F1

**N241 Chinese Sculpture**

- HACKIN (J.). *etc.* Studies in Chinese art and some Indian influences: lectures delivered in connection with the International Exhibition of Chinese Art at the Royal Academy of Arts, *etc.* N241:Cz7 G6

**N243 South-eastern Asiatic Sculpture**

- PARMENTIER (H.). Les sculptures chames au Musee de Tourane. N2431:D:9Q 122F2
- COEDES (George). Bronzes Khmers: etude basee sur des documents recueillis par M. P. Lefevre-Pontalis, dans la collections publiques et privees de Bangkok et sur les pieces conservees au palais royal de Phnom Penh au Musee du Cambodge et au Musee de l'Ecole Francaise d'Extreme-orient. N2433:D5:9Q 122F3

KROM (N. J.). L'art Javannais dans les Musee de  
Hollande et de Java. N2436:D:9Q 122F6

POWERS (H. H.). The art of Michelangelo.  
N252hI75:9 G5

#### N4 Drawing and Pattern Work

ERDMANN (Alfred), *etc.* Decorative writing and arrange-  
ment of lettering. N4 F7

BRITISH MUSEUM. PRINTS AND DRAWINGS (Department  
of—). Catalogue of political and personal satires,  
comp. by Mary Dorothy George. V. 6.  
N43g A.7

#### N5 Painting

GOLOUDEW (Victor). Documents pour servir a l'etude  
d'Ajanta les peintures de la premiere grotte.  
N52:C 122F7

UNDERWOOD (Eric). A short history of English painting.  
N53v3:N3 G3

BINYON (Laurence). L'art Asiatique au British Museum:  
sculpture et peinture. N54 122F5

COOMARASWAMY (Ananda K.). Les miniatures orientales  
de la collection Goloudew au Museum of fine arts  
de Boston, etc. N54:E 122F9

DUFY (Raoul). Peintures, ed. by Christian Zervos.  
N553zM77 F8

REMBRANDT. The paintings, ed. by A. Bredius.  
N5596zK06 G7

#### N7 Dancing

BHARATA. Tandava laksanam or the fundamentals of  
ancient Hindu dancing being a tr. into English  
of the fourth chap. of the natya sastra ... by  
Bijayetti Venkatanarayanawami Naidu and  
Pasupuleti Srinivasulu Naidu and Ongole Venkata  
Rangayya Pantulu. N72x2 G6

**N8 Music**

ENGEL (Carl). Music of the most ancient nations, particularly of the Assyrians, Egyptians and Hebrews; with sp. ref. to discoveries in Western Asia and in Egypt. N8r46:M5 F9

COUSINS (Margaret E). The music of orient and occident: essays towards mutual understanding. N8z7 G5

**N82 Indian Music**

FIROZE FRAMJEE. English textbook on the theory and practice of Indian music, etc. N82 G8

VIJAYADEVJI (Maharana) of Dharmpur. Sangit bhava. N82:K:2 G3

**N821 South Indian Music**

SANGEETHA abhimani: a high class monthly journal solely devoted to music. V. 3— 1936— N821m2031:N34

**N821:K Carnatic Music****N821:Kw Biographies**

SUNDARESA SARMA (T. S.). Sri Tyagaraja charita, etc. N821:KwL59 15G7

NARASIMHACHARYULU (V.). Tyagaraja charitra. N821:KwL59 35G4

SAMBAMOORTHY (P.). Syama Sastry and other famous figures of South Indian music. N821:KwL63 G4

**N821:Kx Works**

VENKATA MAKHIN. The Chaturdandi prakasika, ed. by S. Subrahmanya Sastri, etc. Pt. 1. N821:Kx6 15G4.1

- TYAGARAJA. Songs, tr. by C. Narayana Rao.  
N821:KxL59 G7
- Dakshinatyaganam, ed. by C. R. Srinivasa  
Iyengar. N821:KxL59 31E7
- RAMASWAMI BHAGAVATAR (K. K.). Sangita rahasya  
siddhanta suryodayam yennum Thiaga brahmopa-  
nishad. Pt. 1. N821:KxL59 31G5.1
- RAMASWAMI AYYAR (S. A.). *Ed.* Thiagarajaswami  
krithis. N821:KxL59 35G3
- MUTHUSWAMY DIKSHITAR. Guruguha ganamrutha var-  
shini. 2 pts. N821:KxL751 31G6.1—G6.2
- Dikshita kirtana prakasikai, ed. by T. S.  
Nataraja Sundaram Pillai, Pt. 1.  
N821:KxL751 31G61.1
- SRINIVASA IYENGAR (K. V.). *Ed.* Ganabhaskaramu.  
N821:KxM4 35G4
- LAKSHMANA PILLAI (T.). Songs: kritis and kirtanams,  
philosophical, ethical and devotional.  
N821:KxM651 31G3
- PAPANASAM SIVAN. Kirtanamalai.  
N821:KxM97 31G4
- SAMBAMOORTHY (P.). A new kriti in vachaspati raga  
and two marches in kedaram and kamas.  
N821:KxN01 31G4

### Treatises

- MAHESWARI DEVI (M.). (i.e. Miss M. Masilamany)  
A first book of Indian music. N821:K G0
- RAGAVACHARIAR (M.). Sangeetananda bodhini. Pt. 1.  
N821:K 31G4
- ANANTHAKRISHNA IYER (A.). Ganamanjusha: Karna-  
taka vineekagana vidyalaya first year course.  
Pt. 1. N821:K 31G41

SAMBAMOORTHY (P.). Selections from Tamil composers  
with svaras. Book 1. N821:K 31G5

MAHA VAIDYA NATHA SIVAN. Mela-raga malika, com-  
prising the seventy-two mela-ragas extant in  
Karnataka music, ed. by S. Subrahmanya Sastri.  
N821:K:18xM44 G7

RAMACHANDRAN (N. S.). The ragas of Karnatic music.  
N821:K:2 G8—G82

### N85 European Music

DUNSTAN (Ralph). Cyclopaedic dictionary of music.  
N85k F5

FARMER (Henry George). Arabian influence on musical  
theory. N85vK3 F5

ROLLAND (Romain). Voyage musical au pays du Passe.  
N85vL9 122F0

OXFORD history of music. V. 3. N85vN0 F94

DUNSTAN (R.). Manual of music. N85 E2

GOSS (John). *Ed.* Ballads of Britain, etc.  
N85::18 G7

REPHAEL (Lala). Hail, Britannia!: British Empire  
song, music by Rajah Rham Singh. N85::2 G7

——— Our King and crown: British national song,  
music by Rajah Rham Singh. N85::2 G71

GALPIN (Francis W.). A textbook of European musical  
instruments: their origin, history, and character.  
N85:1 G7

### N91 Theatre

NICOLL (Allardyce). Stuart masques and the renaissance  
stage. N91v3:K6 G7

RAMACHANDRA AIYAR (T. K.). Natyasastra samiksa.  
N91 15G6

## O Literature

The following are the chief divisions under which the books in Literature are grouped:—

<b>O</b>	<b>Literature (General)</b>
O19	Poetical criticism (General)
O2	Drama (General)
<b>O:</b>	<b>English literature</b>
O:v	History
O:w	Biographies
O:x	Selections
<b>O:1</b>	<b>Poetry</b>
O:1x	Anthologies
O:1:9	Criticism of English poetry
O:1:90P	English prosody

*Individual poets arranged chronologically.*

<b>O:1F70</b>	Layamon
O:1G20	<i>The owl and the nightingale</i>
O:1G25	<i>Floris and Blanche-flour</i>
O:1H29	Langland
<b>O:1H40</b>	<b>Chaucer</b>
O:1H95	<i>Piers plowman</i>
<b>O:1J52</b>	<b>Spenser</b>
O:1J72	Donne
<b>O:1K08</b>	<b>Milton</b>
O:1K13	Crashaw
<b>O:1K31</b>	<b>Dryden</b>
<b>O:1K88</b>	<b>Pope</b>
O:1L14	Shenstone
O:1L16	Gray
O:1L31	Cowper

<b>O:1L59</b>	<b>Burns</b>
<b>O:1L70</b>	<b>Wordsworth</b>
<b>O:1L72</b>	<b>Coleridge</b>
<b>O:1L92</b>	<b>Shelley</b>
<b>O:1L93</b>	<b>Keats</b>
<b>O:1L931</b>	<b>Clare</b>
<b>O:1M02</b>	<b>Emerson</b>
<b>O:M032</b>	<b>Horne</b>
<b>O:1M07</b>	<b>Whittier</b>
<b>O:1M09</b>	<b>Tennyson</b>
<b>O:1M12</b>	<b>Browning</b>
<b>O:1M592</b>	<b>A. E. Housman</b>
<b>O:1M595</b>	<b>Havelock Ellis</b>
<b>O:1M61</b>	<b>Tagore</b>
<b>O:1M641</b>	<b>A. E.</b>
<b>O:1M705</b>	<b>Vasudeva Rao</b>
<b>O:1M724</b>	<b>Trevelyan</b>
<b>O:1M805</b>	<b>Brantom</b>
<b>O:1M841</b>	<b>Drinkwater</b>
<b>O:1M851</b>	<b>Ezra Pound</b>
<b>O:1M96</b>	<b>Blunden</b>
<b>O:1N021</b>	<b>Roy Campbell</b>
<b>O:1N031</b>	<b>Barker</b>
<b>O:1N04</b>	<b>Lehmann</b>
<b>O:1N052</b>	<b>Hedley Lucas</b>
<b>O:1N09</b>	<b>Spender</b>
<b>O:2</b>	<b>Drama</b>
<b>O:2:9</b>	<b>Criticism of English drama</b>

*Individual dramatists arranged chronologically*

<b>O:2I97</b>	<b>Heywood</b>
<b>O:2J57</b>	<b>Lodge</b>
<b>O:2J63</b>	<b>Marlowe</b>
<b>O:2J64</b>	<b>Shakespeare</b>

O:2J64:51:9	Hamlet criticism
O:2J64:9	Shakespearean criticism
O:2J64:90	From special points of view
<b>O:2J73</b>	<b>Ben Jonson</b>
O:2J75	Marston
O:2J84	Beaumont and Fletcher
O:2K24	Roger Boyle
<b>O:2K31</b>	<b>Dryden</b>
O:2L171	Garrick
O:2L32	George Colman
<b>O:2M57</b>	<b>Bernard Shaw</b>
O:2M60	Barrie
<b>O:2M651</b>	<b>Yeats</b>
O:2N071	Auden and Isherwood
O:2N09	Spender
<b>O:3</b>	<b>English fiction</b>
O:3K61	Defoe
O:3K89	Richardson
O:3L52	Fanny Burney
O:3L71	Scott
O:3L75	Austen
O:3M11	Thackeray
O:3M12	Dickens
O:3M20	George Eliot
O:3M29	Meredith
O:3M40	Hardy
O:3M48	Jefferies
O:3M52	George Moore
O:3M58	Conrad
O:3M64	Kipling
O:3M712	Dreiser
O:3M74	Chesterton
O:3M741	Baring



O:3M742	Maugham
O:3M763	Reid
O:3M782	Sinclair
O:3M80	Forster
O:3M82	Graham
O:3M83	Joyce
O:3M872	Sitwell
O:3M884	Beck
O:3M925	Elwin
O:3M962	Lewis
O:3N051	Prokoseh
O:3N062	Innes
O:3N081	Saroyan
O:3N09	Spender
O:4K94	Chesterfield
<b>O:6</b>	<b>English prose</b>
O:6H02	Rolle
O:6K88	Arbuthnot
O:6L09	Johnson
O:6L76	Lamb
O:6M322	Stephen
O:6M39	Pater
O:6M641	A. E.
O:6M651	Yeats
O:6M661	Wells
O:6M843	Squire
O:6M851	Ezra Pound
O:6M925	Sitwell
<b>O:9</b>	<b>English literary criticism</b>
<b>O113</b>	<b>German literature</b>
O113:1	German poetry
<b>O113:1L49</b>	<b>Goethe</b>

O113:1L97	Heine
O:113:2	German drama
<b>O113:2L29</b>	<b>Lessing</b>
O113:3	German fiction
<b>O113:3M19</b>	<b>Keller</b>
<b>O115:3</b>	<b>Norwegian fiction</b>
O115:3M82	Undset
<b>O12</b>	<b>Latin literature</b>
O12:1D02	Manilii
<b>O121</b>	<b>Italian literature</b>
O121:1	Italian poetry
<b>O121:1G65</b>	<b>Dante</b>
O121:2	Italian drama
O121:2M67	Pirandello
O121:3	Italian fiction
<b>O122</b>	<b>French literature</b>
O122:v	History
<b>O122:1</b>	<b>French poetry</b>
O122:1x	French anthologies
O122:1:9	Criticism of French poetry

*Individual poets arranged chronologically.*

O122:1J24	Ronsard
O122:1L68	Chateaubriand
O122:1L97	Vigny
O122:1M02	Hugo
<b>O122:1M21</b>	<b>Baudelaire</b>
O122:1M42	Mallarme
O122:1M45	Verlaine
O122:1M46	Lantreamont
<b>O122:1M54</b>	<b>Rimbaud</b>

O122:1M69 Gide

O122:1M73 Eluard

**O122:2 French drama***Individual dramatists arranged chronologically*

O122:2K22 Moliere

O122:2K25 Corneille

O122:2K39 Racine

O122:2K88 Marivaux

O122:2M48 Mirbeau

O122:2M62 Maeterlinck

O122:2M67 Claudel

O122:2M68 Rostand

O122:2M82 Giraudoux

O122:2M852 Romaine

O122:2M91 Cocteau

**O122:3 French fiction**

O122:3I95 Rabelais

O122:3K21 La Fontaine

O122:3K34 Lafayette

O122:3K94 Voltaire

O122:3K97 Prevost

O122:3L12 Rousseau

O122:3L67 Constant

O122:3L83 Stendhal

O122:3L97 Vigny

O122:3L99 Balzac

O122:3M02 Hugo

O122:3M03 Dumas

O122:3M20 Fromentin

O122:3M23 Flaubert

O122:3M41 Zola

O122:3M44 Anatole France

O122:3M48 Huysmans

O122 :3M50	Maupassant
O122 :3M59	Courteline
O122 :3M621	Marcel Prevost
O122 :3M622	Barres
O122 :3M64	Renard
O122 :3M69	Gide
O122 :3M72	Bordeaux
O122 :3M73	Proust
O122 :3M731	Colette
O122 :3M74	Philippe
O122 :3M82	Giraudoux
O122 :3M84	Bloch
O122 :3M851	Maurice
O122 :3M852	Romains
O122 :3M86	Dorgeles
O122 :3M861	Fournier
O122 :3M87	Benoit
O122 :3M881	Bernanos
O122 :3M882	Celine
O122 :3M91	Cocteau
O122 :3M95	Malraux
O122 :3M96	De Montherlant
O122 :3M98	Dabit
O122 :3M99	Saint Exupery
O122 :3N00	Giono
O122 :3N01	Guilloux
O122 :4K89	Montesquieu
O122 :5K27	Bossuet
<b>O122:6</b>	<b>. French prose .</b>
O122 :6J33	Montaigne
O122 :6K13	La Rochefoucauld
O122 :6K23	Pascal
O122 :6K45	Le Bruyere
O122 :6K75	Saint-Simon

**0122:6M24**      **GREEK & RUSSIAN AUTHORS**

- 0122:6M24      Renan  
0122:6M62      Maeterlinek  
0122:6M66      Rolland  
0122:6M732      Peguy
- 0122:6M78      Fargue  
**0122:9**      **Criticism of French Literature**
- 01223**      **Troubadours**  
**0123:1**      **Spanish poetry**  
0123:1M99      Lorea
- 01295:3**      **Irish fiction**
- 013**      **Greek literature**  
013:1      Greek poetry  
013:1C45      Sappho  
013:1D30      Homer  
013:2      Greek drama  
013:2D48      Aeschylus  
013:2D50      Sophocles
- 0142**      **Russian literature**  
0142:1      Russian poetry  
0142:1L99      Pushkin  
0142:1M14      Lermontov  
0142:2      Russian drama  
0142:2M78      Artzibashef  
0142:3      Russian fiction  
0142:3L68      Krylov  
0142:3M60      Tchehov  
0142:3M68      Gorki  
0142:3M92      Borie Artzybasheff
- 015**      **Sanskrit literature**

O15 :v	History
<b>O15:1</b>	<b>Sanskrit poetry</b>
O15 :1x	Anthologies
O15 :1xG47	<i>Sūkti muktāvali</i>
O15 :1A1	<i>Ramayana</i>
O15 :1A2	<i>Mahabharata</i>
O15 :1D11	<i>Buddhacarita</i>
O15 :1D40	Kalidasa
O15 :1E00	Lila Suka
O15 :1F00	Jayadeva
O15 :1I75	Kumara Kavi
O15 :1M24	Krishnarishi
O15 :1M97	Mahalinga Sastri
<b>O15 :2</b>	<b>Sanskrit drama</b>
O15 :2D35	Bhasa
O15 :2D40	Kalidasa
O15 :2D42	Dinnaga
O15 :2D60	Harsha
O15 :2D70	Bhavabhuti
O15 :2D78	Murari
O15 :2D90	Anangaharsha
O15 :2H23	Narasimhakavi
<b>O15 :3</b>	<b>Sanskrit fiction</b>
O15 :3D63	Dandin
<b>O15 :9</b>	<b>Criticism of Sanskrit literature</b>
O15 :9x2	Bamaha
O15 :9x3	Dandin
O15 :9x8	Mammata
O15 :9xE50	Rajanakakuntaka
O15 :9xE55	Bhojadeva
O15 :9xH10	Jayadeva
<b>O152:1</b>	<b>Hindi poetry</b>
O152 :1J32	Tulsidas

<b>O157</b>	<b>Bengali literature</b>
<b>O164</b>	<b>Persian literature</b>
<b>O164:1</b>	<b>Persian poetry</b>
O164:1D56	Muhydi'ddin ibn al-Arabi
O164:1E50	Omar Khayyam
O164:1E57	Abu Bakr Hamid-ud-din
O164:1J85	Farrukhi
O164:1M76	Iqbal
<b>O164:2</b>	<b>Persian drama</b>
<b>O164:3</b>	<b>Persian fiction</b>
O164:3M82	Abbas Khallili
O164:3M84	Abdul Quasim Painda
O164:3M88	Sayyid Husain Kabir
<b>O164:6</b>	<b>Persian prose</b>
<b>O28</b>	<b>Arabic literature</b>
O28:1D67	Sharh-i-al-i-Abdulla ibn <b>Maqaffa</b>
O28:3D95	<i>Arabian nights</i>
<b>O31</b>	<b>Tamil literature</b>
O31:1	Tamil poetry
O31:1xA6	<i>Kalittogai</i>
O31:1B5	Tiruvalluvar
O31:1L28	Chokkanatha Pillai
O13:1L50	<i>Siramalaikkovai</i>
O31:1M81	Raghava Ayyangar
<b>O32</b>	<b>Malayalam literature</b>
<b>O32:1</b>	<b>Malayalam poetry</b>
O32:1K20	Tunchat Ezuthatchan
O32:1M848	Bhaskara Menon
O32:1M86	N. Narayana Menon
O32:1M903	Ambadevi Thamburatti
<b>O32:2</b>	<b>Malayalam drama</b>
O32:2M57	Raman Pillai

O32 :2N02	E. V. Krishna Pillai
O32 :2N042	Ikkavamma
O32 :2N044	Raman Nambudiri
<b>O32 :3</b>	<b>Malayalam fiction</b>
O32 :3M21	Mathews
O32 :3M534	P. N. Krishna Pillai
O32 :3M60	<i>Sarada</i>
O32 :3M701	Krishna Pisharoti
O32 :3M722	Balakrishna Pillai
O32 :3M723	Nanu Pillai Asan
O32 :3M77	Parameswara Iyer
O32 :3M788	Sadasivan Pillai
O32 :3M794	Narayana Panikkar
O32 :3M795	B. Krishna Pillai
O32 :3M802	Rama Warriar
O32 :3M804	Krishnan Tambi
O32 :3M822	V. K. Narayana Pillai
O32 :3M84	Krishan Nair
O32 :3M847	<i>Vanabala</i>
O32 :3M853	Ananthan Pillai
O32 :3M882	Venkitarama Naidu
O32 :3M884	Kesava Pillai
O32 :3M885	Damodaran
O32 :3M891	Unnikrishnan Nair
O32 :3M894	Madhava Warriar
O32 :3M896	Kesava Pillai
O32 :3M921	N. Parameswaran Pillai
O32 :3M93	Janardhana Menon
O32 :3M933	Govinda Pillai
O32 :3M943	V. K. Parameswaran Pillai
O32 :3M944	Padmanabha Menon
O32 :3M946	A. V. Parameswaran Pillai
O32 :3M956	Lakshmana Pillai
O32 :3M957	Govinda Panikkar



O32:3M961	M. R. Narayana Pillai
O32:3M962	Ramasubba Sastri
O32:3M963	Subramanya Potti
O32:3M964	Velu Pillai
O32:3M965	V. S. Gopala Pillai
O32:3M966	K. Gopala Pillai
O32:3M973	Gopalakrishna Iyer
O32:3M975	Varghese Mappillai
O32:3M976	Paul
O32:3M977	Zacharia
O32:3M978	Ramakrishna Pillai
O32:3M986	K. Narayana Menon
O32:3M988	Bappu Rao
O32:3M99	Sankara Subrahmanya Sastri
O32:3M991	Chandrasekharan Pillai
O32:3M992	M. V. Joseph
O32:3M993	P. P. Joseph
O32:3N001	Kochu Thomman Apothe- cary
O32:3N01	Pappu Pillai
O32:3N011	Raghavan Nair
O32:3N012	Krishna Menon
O32:3N02	E. V. Krishna Pillai
O32:3N024	K. Raghavan Pillai
O32:3N025	Kunjuraman
O32:3N026	C. Krishna Pillai
O32:3N027	Bhagavati Amma
O32:3N028	Madhavi Amma
O32:3N032	Chandy
O32:3N033	Cheriyann
O32:3N034	Eso
O32:3N043	Rama Kurup
O32:3N045	N. C. Nair

O32:3N056	P. K. Raghavan Pillai
O32:3N057	Sivasankaran Pillai
O32:3N062	Kummini Amma
O32:6	<b>Malayalam prose</b>
<b>O33</b>	<b>Kanarese literature</b>
<b>O33:1</b>	<b>Kanarese poetry</b>
O33:1F60	Harihara
O33:1F65	Raghavanka
O33:1M945	Iswara Sanakalla
O33:2	<b>Kanarese drama</b>
O33:2M944	Bharata
<b>O35</b>	<b>Telugu literature</b>
<b>O35:1</b>	<b>Telugu poetry</b>
O35:1H30	Tirupurantaka
O35:1I40	Goparaja Kavi
O35:1J75	Tiruvengalanatha
O35:1K50	Raghunatha Bhupala
O35:1K65	Bhavanisa Kavi
O35:1M31	Subrahmanya Kavi
O35:1M32	Venkateswara Kavi
O35:1M53	Subbaraya Sastri
O35:1M751	Ramakrishna Rao
O35:1M872	Venkataramakrishna
O35:1M902	B. Venkata Rao
O35:1M924	K. Venkata Rao
O35:1M951	Viswanatha Satyanarayana
O35:1N01	Anjaneya Kavi
<b>O35:2</b>	<b>Telugu drama</b>
O35:2J00	Yellanaryudu
O35:2M91	Lakshminarayana
O35:2M924	K. Venkata Rao

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O35:2M951	Viswanatha Satyanarayana
O35:2N08	Bangarayya
<b>O35:3</b>	<b>Telugu fiction</b>
O35:3M89	Venkatachalam
O35:3M92	Srinivasa Siromani
O35:3M924	K. Venkata Rao
O35:3M951	Viswanatha Satyanarayana
<b>O35:6</b>	<b>Telugu prose</b>
<b>O35:7</b>	<b>Telugu campu</b>
O35:7M752	Narasimha Sarma
<b>O41</b>	<b>Chinese literature</b>
O41:1E37	Su-Tung-P'o
<b>O42</b>	<b>Japanese literature</b>

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**HARVEY** (Paul). *Comp. and Ed.* Oxford companion to classical literature. Ok G7

**NEW** directions in prose and poetry. 1937—  
Oxm73:N36

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**O19 Poetical Criticism (General)**

**CAUDWELL** (Christopher). *Pseud.* (i.e. Christopher St. John Sprigg.) Illusion and reality: a study of the sources of poetry. O190S G7

**O2 Drama (General)**

- CLARK (Barrett H.). Study of the modern drama: a handbook for the study and appreciation of typical plays, European, English and American of the last three-quarters of a century. O2aN3 G8
- WILSON (N. Scarlyn). European drama O2vN3 G7
- SCHLEGEL (Augustus William). A course of lectures on dramatic art and literature, tr. by John Black, rev. ... by A. J. W. Morrison. O29xL67 A
- AESOP, *etc.* Fables. O3xM2 G6
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**O: English Literature****O:v History**

- GREEN (F. C.). Minuet: a critical survey of French and English literary ideas in the eighteenth century. O:vL9 G5
- GRONDAHL (Illit). Land marks of English literature: a brief survey. O:vN3 G8

**O:w Biographies**

- THOMAS (Edward). Literary pilgrim in England. O:wM7 G7
- EGLINTON (John). Irish literary portraits. O:wM8 G5

**O:x Selections**

- MACAULAY (Rose). *Sel.* Minor pleasures of life. O:xM8 G4
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- GREENE (Richard Leighton). *Ed.* Early English carols.  
O:1xJ2 G5
- ADAMSON (Margot Robert). *Sel.* Treasury of middle  
English verse. O:1xJ2 G0
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O:1xM2 G5
- AUDEN (W. H.), *etc.* *Comps.* Poet's tongue: an antho-  
logy. O:1xN0 G7
- NICHOLSON (D. H. S.), *etc.* *Sels.* Oxford book of  
English mystical verse. O:1x0△ G2

**O:1:9 Criticism of English Poetry**

- SHINE (Hill). Carlyle's fusion of poetry, history and  
religion by 1834. O:1:9xL95:9 G8
- GORDON (George). Poetry and the moderns: inaugural  
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- BREWSTER (R. F.). Orthometry: art of versification and  
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LAWRENCE (William Witherle). Medieval story and the  
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BARTLETT (Adeline Courtney). Larger rhetorical pat-  
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O:1:9M9 G8

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VISSER (G. J.). Layamon: an attempt at vindication.  
O:1F70:9 G7

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nightingale. O:1G20 G5

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English romance, from the Trentham and Auchin-  
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### O:1H40 Chaucer

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O:1H40:81:9

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**O:1K08 Milton**

BRADSHAW (John). Concordance to the poetical works of John Milton. O:1K08k C4

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- TILLYARD** (E. M. W.). Miltonic setting: past and  
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### O:1K31 Dryden

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Pope, etc. O:1K88k A
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- HARTLEY** (Lodwick C.). William Cowper: humanitarian.  
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### O:1L59 Burns

- CUTHBERTSON** (John). Complete glossary to the poetry  
and prose of Robert Burns, etc. O:1L59k B6
- REID** (J. B.). *Comp.* and *Ed.* Complete word and  
phrase concordance to the poems and songs of  
Robert Burns, etc. O:1L59k B9
- ROSS** (John D.). A Burns handbook. O:1L59k G1



O:1L70x    ENG. POETRY: ROMANTIC PERIOD

WORDSWORTH (William). Poetical works, etc., [along with] Tutin (J. R.): Wordsworth dictionary of persons and places with the familiar quotations from his works, and an index to the animal and vegetable kingdoms of Wordsworth.

O:1L70x    B5

POTTER (Stephen). Coleridge and S. T. C.

O:1L72:9    G8

**O:1L92 Shelley**

ELLS (F. S.). *Comp.* Lexical concordance to the poetical works of Percy Bysshe Shelley, etc.

O:1L92k    G2

COWLING (George). Shelley and other essays.

O:1L92w    G6

WHITE (Newman Ivey). Unextinguished hearth: Shelley and his contemporary critics.

O:1L92:9v3:M2    G8

FIRKINS (Oscar W.). Power and elusiveness in Shelley.

O:1L92:9    G7

BARNARD (Ellsworth). Shelley's religion.

O:1L92:90Q    G7

**O:1L93 Keats**

KEATS (John). Autobiography, comp. from his letters and essays by Earle Vonard Weller, etc.

O:1L93w    G3

HEWLETT (Dorothy). Adonais: a life of John Keats.

O:1L93w    G7

BROWN (Charles Armitage). Life of John Keats, ed. . . .  
by Dorothy Hyde Bodurtha and Willard Bissell  
Pope.

O:1L93w    G71

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CLARE (John). Poems, ed. with an introd. by J. W. Tibble. 2 V.

O:1L931x    G5.1—G5.2

- HUBBELL (George Shelton). Concordance to the poems of Ralph Waldo Emerson. O:1M02*k* G2
- SHACKFORD (Martha Hale). E. B. Browning; R. H. Horne: two studies. O:1M032:9 G5
- CURRIER (Thomas Franklin). A bibliography of John Greenleaf Whittier. O:1M071*a* G7
- BAKER (Arthur E.). Tennyson dictionary. the characters and place-names contained in the poetical and dramatic works of the poet, alphabetically arranged and described with synopses of the poems and plays. O:1M09*k* E5

### O:1M12 Browning

- BROWNING (Robert) and WEDGWOOD (Julia). Letters: a broken friendship as revealed in their letters, ed. by Richard Curle. O:1M12*w* G7
- DEVANE (William Clyde). Browning handbook. O:1M12:9 G7

- 
- HOUSMAN (Laurence). A. E. H.: some poems, some letters and a personal memoir by his brother. O:1M592*w* G7
- ELLIS (Havelock). Poems, sel. by John Gawsworth, etc. O:1M595*x* G7

### Modern English Poets

- MITTER (Sushil Chandra). La pensee de Rabindranath Tagore. O:1M61:9 122G0
- EGLINTON (John). A memoir of A E, George William Russell. O:1M641*w* G7
- VASUDEVA RAO (B.). Of here and hereafter and other poems. O:1M705:11 G7
- TREVELYAN (R. C.). Beelzebub and other poems. O:1M724:11 G5

O:1M805x            MODERN ENG. POETRY

BRANTOM (William). War no more and various verses.  
O:1M805x G6

DRINKWATER (John). Collected poems. V. 3.  
O:1M841x F3.3

POUND (Ezra). Fifth decad of cantos.  
O:1M851:25 G7

BLUNDEN (Edmund). An elegy and other poems.  
O:1M96:31 G7

### Post-War Younger Poets

CAMPBELL (Roy). Broken record: reminiscences.  
O:1N021w G4

——— Mithraic emblems: poems. O:1N021:24 G6

BARKER (George). Calamiterror. O:1N031:1 G7

LEHMANN (John). Noise of history. O:1N04:11 G4

LUCAS (Hedley). See you a city. O:1N052:11 G7

SPENDER (Stephen). Poems. O:1N09x G5

——— Vienna. O:1N09:11 G4

### O:2 English Drama

BEST one-act plays 1937. O:2xm3:N31

EIGHT new one-act plays, ed. by John Browne. Series 2—  
1934— O:2xm3:N33

### O:2:9 Criticism of English Drama

GRANVILLE-BARKER (Harley). On poetry in drama.  
O:2:9z7 G7

### Applied Criticism

WITHINGTON (Robert). Excursions in English drama.  
O:2:9J6 G7

ELIOT (T. S.). Elizabethan essays. O:2:9J8 G4

- LAWRENCE (W. J.). Speeding up Shakespeare: studies of the bygone theatre and drama. O:2:9J8 G7
- KNIGHTS (L. C.). Drama and society in the age of Jonson. O:2:9J9 G7
- DREW (Elizabeth). Discovering drama. O:2:9M8 G7

### Individual Dramatists

*(Arranged in chronological order)*

- HEYWOOD (John). [Works, ed.] by R. Dela Bere. O:2I97x G7
- TENNEY (Edward Andrews). Thomas Lodge. O:2J57w G5
- BAKELESS (John). Christopher Marlowe: the man in his time. O:2J63w G7

### O:2J64 Shakespeare

- EBISCH (Walther), *etc.* Shakespeare bibliography: suppl. for the years 1930-1935. O:2J64aN2 G1—1
- CUNLIFFE (Richard John). A new Shakespearean dictionary. O:2J64k G6
- PASCAL (R.). Shakespeare in Germany. 1740—1815. O:2J64v55:M1 G7
- FRIPP (Edgar I.). Shakespeare: man and artist. 2 V. O:2J64w G8.1—G8.2

### O:2J64:51:9 Hamlet—Criticism

- EWING Fayette (C.). Hamlet: an analytic and psychology study. O:2J64:51:9 G4
- SCHUCKING (Levin L.). Meaning of Hamlet, tr. by Graham Rawson. O:2J64:51:9 G71
- BROCK (J. H. E.). Dramatic purpose of Hamlet. O:2J64.51:9 G52

**O:2J64:9 Shakespearean Criticism**

SCHELLING (Felix E.). Shakespeare biography and other papers chiefly Elizabethan. O:2J64:9z7 G7

HART (Alfred). Shakespeare and the homilies and other pieces of research into the Elizabethan drama. O:2J64:9 G45

SPRAGUE (Arthur Colby). Shakespeare and the audience: a study in the technique of exposition. O:2J64:9 G52

RIDLEY (M. R.). Shakespeare's plays: a commentary. O:2J64:9 G7

CHARLTON (H. B.). Shakespearian comedy. O:2J64:9 G8

ELLIS-FERMOR (Una). Some recent research in Shakespeare's imagery. O:2J64:90P:75 G7

**O:2J64:90 Shakespearean Criticism  
from Special Points of View**

STOLL (Elmer Edgar). Shakespeare's young lovers. O:2J64:90S:55 G7

CLARK (Cumberland). Shakespeare and home life. O:2J64:90Y1 G5

**Other Elizabethan Dramatists**

JONSON (Ben). Collected works, ed. by C. H. Herford and Percy Simpson. V. 5—6. O:2J73x F5.5—F5.6

MARSTON (John). The plays, ed. . . ., by H. Harvey Wood. V. 2. O:2J75x G4.2

McKEITHAN (Daniel Morley). Debt to Shakespeare in the Beaumont and Fletcher plays. O:2J84:9 G8

BOYLE (Roger), (*i.e.* Earl of Orrery). Dramatic works, ed. by William Smith Clark, 11. 2 V. O:2K24x G7.1—G7.2

- ALLEN (Ned Bliss). Sources of John Dryden's comedies.  
O:2K31:90z G5
- STEIN (Elizabeth P.). David Garrick, dramatist.  
O:2L171:9 G7
- PAGE (Eugene R.). George Colman, the elder: essayist,  
dramatist, and theatrical manager, 1732—1794.  
O:2L32w G5

### Modern English Drama

#### O:2M57 Bernard Shaw

- HENDERSON (Archibald). Bernard Shaw: playboy and  
prophet. O:2M57w G2
- HACKETT (J. P.). Shaw: George versus Bernard.  
O:2M57:9 G7
- BARRIE (J. M.). Greenwood hat, being a memoir of  
James Anon, 1885—1887, etc. O:2M60w G7
- ROY (James A.). James Matthew Barrie: an apprecia-  
tion. O:2M60w G7
- YEATS (W. B.). Wheels and butterflies.  
O:2M651:51 G4
- The Herne's egg: a stage play.  
O:2M651:52 G8
- HOUSMAN (Laurence). Golden sovereign.  
O:2M68:51 G7

### Post-War Drama

- AUDEN (W. H.) and ISHERWOOD (Christopher). On the  
frontier: a melodrama in three acts.  
O:2N071:12 G8
- SPENDER (Stephen). Trial of a judge: a tragedy in five  
acts. O:2N09:11 G8

**O:3 English Fiction**

- BAKER (Ernest A.). History of the English novel. V. 7.  
Age of Dickens and Thackeray. O:3vM6 G6
- ——— V. 8. From the Brontes to Meredith:  
Romanticism in the English Novel. O:3vM9 G7
- ——— V. 9. The day before yesterday.  
O:3vN0 G8
- LAS VERGNAS (Raymond). Chesterton, Belloc, Baring,  
tr. by C. C. Martindale. O:3:9M7 G8

**Individual Novelists***(Arranged in Chronological Order).*

- LEACH (MacEdward). *Ed.* Amis and Amiloun.  
O:3H18 G7
- SUTHERLAND (James). Defoe. O:3K61w G7
- SALE (William Merritt). Samuel Richardson: a bibliographical record of his literary career with historical notes.  
O:3K89a G6
- TOURTELLOT (Arthur Bernon). Be loved no more: the life and environment of Fanny Burney, etc.  
O:3L52w G8
- SCOTT (Walter). Journal. 1825—1832. 2 V.  
O:3L71w G6.1—G6.2
- TAIT (J. G.). Sir Walter Scott's journal and its editor.  
O:3L71w G6.2—1
- 
- AUSTEN-LEIGH (Emma). Jane Austen and Stevenson.  
O:3L75w G7
- MUDGE (Isadore Gilbert), *etc.* Thackeray dictionary, *etc.*  
O:3M11k E0

- GULLIVER (Harold Strong). Thackeray's literary apprenticeship, etc. O:3M11:9 G4
- PIERCE (Gilbert A.). Dickens dictionary, a key to the characters and principal incidents in the tales of Charles Dickens with additions by William A. Wheeler. O:3M12k A
- WHITE (W. Bertram). *Miracle of Haworth: a Bronte study.* O:3M16w G7
- BRONTE (Charlotte) and BRONTE (Patrick Branwell). *Miscellaneous and unpublished writings. V. 2.* O:3M16x G6.2
- MUDGE (Isadore Gilbert), *etc.* A George Eliot dictionary: the character and scenes of the novels, stories and poems alphabetically arranged. O:3M20k F4
- WOODS (Alice). *George Meredith as champion of women and of progressive education.* O:3M29:90Y115 G7
- RUTLAND (William R.). *Thomas Hardy: a study of his writings and their background.* O:3M40:9 G8
- ARKELL (Reginald). *Richard Jefferies.* O:3M48w G3
- FERGUSON (Walter D.). *The influence of Flaubert on George Moore.* O:3M52:90O122 G4
- CONRAD (Joseph). *Prefaces to his works, with an introd. essay by Edward Garnett and a biographical note on his father by David Garnett.* O:3M58:9 G7
- MACMUNN (George). *Rudyard Kipling: craftsman.* O:3M64:9 G8
- DREISER (Theodore). *A history of myself. 2 V.* O:3M712w F9.1—F9.2
- *Twelve men.* O:3M712:32 G0
- CHESTERTON (Gilbert Keith). *Autobiography.* O:3M74w G7
- SMYTH (Ethel). *Maurice Baring.* O:3M741:9 G8



**O:3M742 Maugham**

- MAUGHAM (W. Somerset). Summing up.  
O:3M742w G8
- CORDELL (Richard A.). W. Somerset Maugham.  
O:3M742:9 G7
- WARD (Richard Heron). William Somerset Maugham.  
O:3M742:9 G71
- 

- REID (Forrest). Peter Waring. O:3M763:11 G7
- SINCLAIR (Upton). No Pasaran: They shall not pass: a  
story of the Battle of Madrid. O:3M782:64 G7
- Manassas: a novel. O:3M782:65 G7
- MACAULAY (Rose). Writings of E. M. Forster.  
O:3M80:9 G8
- TSCHIFFELY (A. F.). Don Roberto, being the account of  
the life and works of R. B. Cunninghame Graham,  
1852—1936. O:3M82w G7
- JOYCE (James). Ulysses. O:3M83:13 G7
- SITWELL (Edith). I live under a black sun: a novel.  
O:3M872:11 G7
- BECK (L. Adams). House of fulfilment: a romance of  
the soul. O:3M884:11 G6

**Post-War Fiction**

- ELWIN (Verrier). Phulmat of the hills: a tale of the  
Gonds. O:3M925:12 G7
- LEWIS (Wyndham). Blasting and bombardiering.  
O:3M962w G7
- PROKOSCH (Frederic). The Asiatics. O:3N051:11 G7
- The seven who fled: a novel. O:3N051:12 G7
- INNES (Michael). Hamlet, revenge?: a story in four parts.  
O:3N062:12 G7

SAROYAN (William). *The Daring young man on the flying trapeze and other stories.*

O:3N081:11 G7

SPENDER (Stephen). *Burning cactus.*

O:3N09:11 G6

SHELLABARGER (Samuel). *Lord Chesterfield.*

O:4K94w G5

## O:6 English Prose

### O:6x Selections

WITHINGTON (Robert). *Ed. Essays and characters: Montaigne to Goldsmith.*

O:6xL2 G3

GEORGE (Daniel). *Coll. A peck of troubles or an anatomy of woe, etc.*

O:6xM6 G6

### Individual Prose-Writers

*(Arranged in Chronological Order)*

ROLLE (Richard). *English writings, ed. by Hope Emily Allen.*

O:6H02x G1

BEATTIE (Lester M.). *John Arbuthnot: mathematician and satirist.*

O:6K68:9 G5

JOHNSON (Samuel). *Prefaces and dedications, [comp.] by Allen T. Hazen.*

O:6L09x G7

——— (Edith Christina). *Lamb always Elia.*

O:6L76w G51

MACCARTHY (Desmond). *Leslie Stephen.*

O:6M322:9 G7

SYMONS (Arthur). *Study of Walter Pater.*

O:6M39:9 G2

A. E. *Pseud. (i.e. George William Russell) Living torch, ed. by Monk Gibbon, with an introd. essay.*

O:6M641:4 G7

WELLS (H. G.). *World brain.*

O:6M661:72 G8

O:6M843:22      ENG. LITERARY CRITICISM

- SQUIRE (John). Reflections and memories.      O:6M843:22    G5
- POUND (Ezra). Polite essays.      O:6M851:11    G7
- Guide to kulchur.      O:6M851:12    G8
- SITWELL (Osbert). Penny foolish: a book of tirades and  
panegyrics.      O:6M925:12    G5

### O:9 English Literary Criticism

*(From Special Points of View)*

- MATTHIESSEN (F. O.). Translation: an Elizabethan art.  
O:90P:5    G1
- ELIOT (T. S.). After strange gods: a primer on modern  
heresy.      O:90Q    G4
- MACLEAN (Kenneth). John Locke and English literature  
of the eighteenth century.      O:90R $\alpha$ K31    G6
- DAICHES (David). Literature and society.      O:90Y1    G8
- MURRY (John Middleton). Heaven— and earth.  
O:90Y1:1    G8
- EMPSON (William). Some versons of pastoral.  
O:90Y131    G5
- ALEXANDER (Calvert). Catholic literary revival: three  
phases in its development from 1845 to the  
present.      O:90Y19Q62    G3

### Applied Literary Criticism

- CRUSE (Amy). Victorians and their books. (*Published  
in U.S.A. as The Victorians and their readings*).  
O:9M5    G51
- INGE (W. R.). Modernism in literature.      O:9M8    G71
- WALDOCK (A. J. A.). James Joyce, and others.  
O:9M8    G72

- SPENDER (Stephen). Destructive element.  
O:9M8 G8
- LEACOCK (Stephen). Humour and humanity: an introd.  
to the study of humour. O:9M9 G7
- DAICHES (David). New literary values: studies in  
modern literature. O:9M9 G6

**O113 German Literature****O113:1 German Poetry**

- CLOSS (A.). Genius of the German lyric: an historic  
survey of its formal and metaphysical values.  
O113:1vN3 111G8
- GOETHE (Johann Wolfgang von). *Sammtliche Werke*.  
Bds. 3—12; 15—22; 25—40. (Bound in 17 vols).  
O113:1L49x A.1—A.17
- STAWELL (F. Melian), *etc.* Goethe and Faust: an inter-  
pretation, with passages newly tr. into English  
verse. O113:1L49:1:9 111F8
- UNTERMAYER (Louis). Heinrich Heine.  
O113:1L97w 111G8
- HEINE. Book of songs, tr. by John Todhunter.  
O113:1L97x 111D7

**O113:2 German Drama**

- LESSING (Gathhold Ephraim). *Gesammelte Werke*. 6B.  
O113:2L29x F1.1—F1.6
- GARLAND (H. B.). Lessing, the founder of modern  
German literature. O113:2L29:9 113G7

**O113:3 German Fiction**

- CERF (Bennett A.). *Ed.* Great German short novels  
and stories. O113:3xM8 111G3
- KELLER (Gottfried). *Gesammelte Werke*. 5 B.  
O113:3M19x F1.1—F1.5

**O115 Norwegian Literature**

- UNDSET (Sigrid). Wild orchid, tr. by Arthur G. Chater.  
O115:3M82:33 111G2
- Burning bush, tr. by Arthur G. Chater.  
O115:3M82:34 111G2
- Faithful wife, tr. by Arthur G. Chater.  
O115:3M82:44 111G7

**O12 Latin Literature**

- MANILI (M.). Astronomican, ed. by A. E. Housman.  
5 Libers. O12:1D02:1 G7.1—G7.5
- McCREA (Nelson Glenn). Literature and liberalism with  
other classical papers, etc. O12:9xM63 111G61

**O121 Italian Literature**

- ROBB (Nesca A.). Neoplatonism of the Italian renaissance.  
O121:vJ6 111G5

**O121:1G65 Dante**

- DANTE (Alighieri). Vita nuova and Canzoniere.  
O121:1G65w 111G3
- Inferno, with a tr. into English triple rhyme by  
Laurence Binyon. O121:1G65:1 111G3
- Divine comedy. 3 V.  
O121:1G65:1 111G7.1—G7.3
- Convivio. O121:1G65:2 111G1

**O121:2 Italian Drama**

- LEA (K. M.). Italian popular comedy: a study in the  
commedia dell'arte, 1560—1620, with sp. ref. to  
the English stage. 2 V.  
O121:2vK2 111G4.1—G4.2
- STARKIE (Walter). Luigi Pirandello, 1867—1936.  
O121:2M67:9 111G7

**O121:3 Italian Fiction**

- BOCCACCIO (Giovanni). Early English versions of the tales of Guiscardo and Ghismonda and Titus and Gisippus from the Decameron, ed. by Herbert G. Wright. O121:3H13x 111G7

**O122 French Literature****O122:v History**

- MAYNIAL (Edouard). L'epoque realiste. O122:vM8 G1
- ALAIN. *Pseud.* (i.e. Emile Auguste Chartier). Propos de litterature. O122:vM8 G4
- BILLY (Andre). Les ecrivains de combat. O122:vN0 G1
- LANSON (Gustave). Histoire de la litterature Francaise. O122:vN0 G8
- LALOU (Rene). Histoire de la litterature Francaise contemporaine 1870 a nos jours. O122:vN2 G1
- PARIS (Gaston). Recits extraits des poets et prosateurs du moyen age mis en Francais moderne. O122:xK9 G6

**O122:1 French Poetry**

- CHARPENTIER (John). L'evolution de la poesie lyrique: De Joseph Delorme a Paul Claudel. O122:1vN2 G0
- THERIVE (Andre). Le Parnasse. O122:1xM7 F9
- ANTHOLOGIE de la nouvelle poesie Francaise. O122:1xM9 G0
- LALOU (Rene). Vers une alchimie lyrique: saint Beuve, Aloysius Bertrand, Gerard de Nerval, Baudelaire. O122:1:9M2. F7

### Individual French Poets

*(Arranged in Chronological Order)*

- RONCARD** (Pierre de). Sonnets pour Helene, with  
 English renderings by Humbert Wolfe.  
 O122:1J24x G4
- CHATEAUBRIAND** (Francois Rene de). Memoires d'outre  
 Tombe, ed. by Paul Gautier. O122:1L68w G6
- VIGNY** (Alfred de). Poemes: poemes antiques et modernes,  
 poems philosophiques. O122:1L97x G5
- HUGO** (Victor). Les chatiments. O122:1M02:11 F3  
 ——— La legende des siecles. 4 T. .  
 O122:1M02:12 F7.1—F7.4
- BAUDELAIRE** (Charles). Morceaux choisis: poemes et  
 proses. Introd. et notes par Y. G. Le Dantec.  
 O122:1M21x F9
- SOUPAULT** (Philippe). Baudelaire. O122:1M21:9 G1
- MALLARME** (Stephane). Poesies. O122:1M42x G7
- VERLAINE** (Paul). Oeuvres completes. 5 T.  
 O122:1M45x F3.1—F3.5  
 ——— Oeuvres posthumes. 3 T.  
 O122:1M45x F7.1—F7.3
- LAUTREAMONT** (Comte de). (*i.e.* Isidore Ducasse).  
 Oeuvres completes: Les chants de Maldoror, poesies  
 and lettres, ed. by Edmond Jaloux.  
 O122:1M46x G7
- FONDANE** (Benjamin). Rimbaud le voyou.  
 O122:1M54w G3
- STARKIE** (Enid). Arthur Rimbaud in Abyssinia.  
 O122:1M54w 111G7
- GIDE** (Andre). Les nourritures terrestres.  
 O122:1M69:14 F1
- VALERY** (Paul). Poesies. O122:1M71x G6

- BOSANQUET (Theodora). Paul Valery.  
O122:1M71:9 111G3
- ELUARD (Paul). Capitale de la Douleur: repetitions,  
mourir de ne pas nourir, les petits justes nouveaux  
poemes. O122:1M73x F6

**O122:2 French Drama**

- DE SMET (Robert). Le theatre romantique: Victor Hugo,  
Alexander Dumas, Alfred de Vigny, Alfred de  
Musset. O122:2:9M1 F9

**Individual French Dramatists**

*(Arranged in Chronological Order)*

- MOLIERE (Jean-Baptiste Poquelin). Theatre choisi ...  
ed. by Ernest Thirion. O122:2K22x G6
- CORNEILLE (Pierre). Theatre choisi, avec notices et anno-  
tations par Paul Desjardins, etc.  
O122:2K25x G7
- RACINE (Jean). Theatre complet, ed. by N. M. Ber-  
nardin. 4 T. O122:2K39x B2.1—B2.4
- Theatre choisi ... ed. by G. Lanson.  
O122:2K39x G5
- MARIVAUX (Piere Carlet de Chamblain de). Theatre. 2 V.  
O122:2K88x G0.1—G0.2
- MIRBEAU (Octave). Les affaires sont les affaires.  
O122:2M48:3 G1
- MAETERLINCK (Maurice). L'oiseau bleu.  
O122:2M62:11 G6
- Betrothal or the blue bird chooses, ... by  
Alexander Teixeira de Mattos.  
O122:2M62:14 111F1
- CLAUDEL (Paul). L'Annonce faite a Marie.  
O122:2M67:11 G8
- L'otage. O122:2M67:12 G5



- MADAULE (Jacques). Le drama de Paul Claudel, etc.  
O122:2M67:9 G6
- ROSTAND (Edmond). Cyrano de Bergerac, etc.  
O122:2M68:22 C7
- Cyrano de Bergerac, tr. by Brian Hooker, etc.  
O122:2M68:22 111F3
- GIRAUDOUX (Jean). La Guerre de Troie N'Aura pas lieu.  
O122:2M82:11 G5
- ROMAINS (Jules). Theatre. V. 1. Knock ou le triomphe  
de la medecine; M. Le Trouha dec saisi par la  
debauche. O122:2M852:11 G8
- COCTEAU (Jean). Orphee: a tragedy in one act and an  
interval, tr. by Carl Wildman.  
O122:2M91:12 111G3

### O122:3 French Fiction

- HYTIER (Jean). Les romans de l'individu: Constant,  
Sainte-Beuve, Stendhal, Merimee, Fromentin, etc.  
O122:3:9M2 F8

### Individual French Novelists

*(Arranged in Chronological Order)*

- RABELAIS (Francois). Oeuvres, ed. avec notice biblio-  
graphique par Henri Clouzot. 2 T.  
O122:3I95x F6.1—F6.2
- Gargantua and Pantagruel. 2 V.  
O122:3I95x 111G2.1—G2.2
- LA FONTAINE (Jean de). Fables, contes et nouvelles, ed.  
by Edmond Pilon, etc. O122:3K21x G2
- Fables, tr. into English verse by Edward Marsh,  
with twelve reproductions from engravings by  
Stephen Gooden. O122:3K21x 111G3

- LAFAYETTE (Madame de). *La princesse de cleves*, ed. par  
Albert Cazes. O122:3K34:1 G4
- VOLTAIRE (F. Arouet De). *Romans et contes*.  
O122:3K94x G8
- PREVOST (L'Abbe). *Histoire du Chevalier des Grieux et  
de Mamon Lescaut*. O122:3K97:1 G6
- ROUSSEAU (J. J.). *Les confessions; les reveries du  
promeneur solitaire*, ed. by Louis Martin-chauffier.  
O122:3L12w G3
- CONSTANT (Benjamin). *Adolphe: Le Cahier Rouge*.  
O122:3L67:1 G1
- STENDHAL. *Pseud.* (*i.e.* Henri Beyle). *Les Romans*.  
3 T. O122:3L83x G2.1—G2.3
- BLUM (Leon). *Stendhal et le Beylisme*.  
O122:3L83:9 G0
- VIGNY (Alfred de). *Servitude et grandeur militaires*.  
O122:3L97:11 F5

**O122:3L99 Balzac**

- BALZAC (Honore de) and CARRAUD (Zulma). Unpub-  
lished correspondence, 1829—1850, tr. . . ., by  
J. Lewis May. O122:3L99w 111G7
- Eugenie Grandet. O122:3L99:12 G4
- Eugenie Grandet, tr. by Ellen Marriage, etc.  
O122:3L99:12 111G0
- Ursule mirouet, etc. O122:3L99:17 111F5
- *Lost illusions*, tr. by Ellen Marriage, etc.  
O122:3L99:18 111F5
- *The quest of the absolute*, tr. by Ellen Marriage,  
etc. O122:3L99:22 111G6
- *At the sign of the cat and racket and other  
stories*, tr. by Clara Bell, etc.  
O122:3L99:31 111G0

O122:3L99:38

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BALZAC (Honore de). The atheist's mass and other stories, tr. by Clara Bell, etc.

O122:3L99:38 111F9

——— Le Pere Goriot le colonel Chabert. 2 T.

O122:3L99:44 G2.1—G2.2

——— Old Goriot, tr. by Ellen Marriage, etc.

O122:3L99:44 111G5

——— The rise and fall of Cesar Birotteau, tr. by Ellen Marriage, etc.

O122:3L99:45 111F5

——— Cousin Pons. 2 T.

O122:3L99:48 G3.1—G3.2

——— Cousin Pons, etc.

O122:3L99:48 111G3

——— The Chouans, tr. by Ellen Marriage, etc.

O122:3L99:61 111F1

——— Le cure de village.

O122:3L99:71 F5

——— The country doctor.

O122:3L99:71 111F3

——— The country parson, etc.

O122:3L99:72 111G0

——— Christ in Flanders and other stories, tr. by Mrs. Clara Bell, etc.

O122:3L99:84 111G1

——— About Catherine de Medici, tr. by Clara Bell, etc.

O122:3L99:85 111G4

**O122:3M02 Hugo**

HUGO (Victor). Notre-dame de Paris. 2 V.

O122:3M02:3 G1.1—G1.2

——— Les miserables. 8 T.

O122:3M02:4 F8.1—F8.8

——— Quatrevingt-Treize. 2 T.

O122:3M02:7 F8.1—F8.2

DUMAS (Alexandre). Les trois mousquetaires. 2 T.

O122:3M03:281 G7.1—G7.2

SAND (George). Histoire de ma vie. 4 T.

O122:3M04w G2.1—G2.4

FROMENTIN (Eugene). Dominique. O122:3M20:11 G3

**O122:3M23 Flaubert**

- FLAUBERT (Gustave). Madame Bovary. O122:3M23:3 G6  
 ——— Trois contes. O122:3M23:4 G6  
 ——— Salambo, tr. by E. Powys Mathers, etc. O122:3M23:6 111G1
- DUMAS (Alexandre, *Fils*). La dame aux camélias, etc. O122:3M25:11 F5
- DAUDET (Alphonse). Lettres de Mon Moulin. O122:3M40:11 G7

**O122:3M41 Zola**

- FIELDING (Hubert). Life of Emile Zola: the authorised story of the film. O122:3M41w 111G8
- ZOLA (Emile). La conquête de Plassans. O122:3M41:23 F9  
 ——— L'Assommoir. 2 T. O122:3M41:32 G4.1—G4.2  
 ——— Germinal. 2 T. O122:3M41:41 G3.1—G3.2  
 ——— Money, tr. by Ernest A. Vizetelly. O122:3M41:51 111F3

**O122:3M44 Anatole France**

- FRANCE (Anatole). Le lys rouge. O122:3M44:13 F4  
 ——— Le crime de Sylvestre Bonnard. O122:3M44:21 G5  
 ——— Les dieux ont soif. O122:3M44:53 G2  
 ——— Crainquebille putois, Riquet et plusieurs autres recits profitables. O122:3M44:63 G0
- HUYSMANS (J. K.). En route. O122:3M48:12 G7
- MAUPASSANT (Guy de). Contes choisis, etc. O122:3M50x F6

O122:3M50:9            FRENCH NOVEL

- JACKSON (Stanley). Guy de Maupassant.  
O122:3M50:9 111G8
- COURTELINE (Georges). Messieurs les ronds-de-cuir, etc.  
O122:3M59:11 G7
- PREVOST (Marcel). Lettres a Françoise, etc.  
O122:3M621:11 F2
- BARRES (Maurice). L'Appel au soldat. 2 T.  
O122:3M622:22 G1.1—G1.2
- Un Jardin sur l'oronte. O122:3M622:82 F2
- RENARD (Jules). Poil de Carotte, etc.  
O122:3M64:11 G8

**O122:3M69 Gide**

- GIDE (Andre). Morceaux choisis. O122:3M69x G8
- Les Caves du Vatican: sotie.  
O122:3M69:14 F2
- Les Faux-Monnayeurs: Roman.  
O122:3M69:16 F5

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- BORDEAUX (Henry). Les Roguevillard.  
O122:3M72:11 G4

**O122:3M73 Proust**

- PROUST (Marcel). Morceaux choisis.  
O122:3M73x G7
- La recherche du temps perdu. T. 1. Du cote  
chez swann. 2 V. O122:3M73:1 G6.1—G6.2
- AMES (Van Meter). Proust and Santayana: the aesthetic  
way of life. O122:3M73:9 111G7
- SPAGNOLI (John J.). Social attitude of Marcel Proust.  
O122:3M73:90Y1 111G6

- COLETTE. *Pseud.* (*i.e.* Collette Willy). L'Envers du  
Music-Hall. O122:3M731:23 G3
- Le ble' en herbe.  
O122:3M731:32 F3
- PHILLIPPE (Charles-Louis). Charles Blanchard.  
O122:3M74:11 F4
- GIRAUDOUX (Jean). Bella: Histoire des Fontranges.  
O122:3M82:11 G7
- BLOCH (Jean-Richard). ... Et compagnie.  
O122:3M84:12 G7
- MAURICE (Francois). Therese Desqueyroux.  
O122:3M851:21 G5
- Le Noeud de Viperes. O122:3M851:23 G2
- ROMAINS (Jules). Mort de quelqu'un.  
O122:3M852:11 G6
- DORGELES (Roland). Le chateau des Brouillards.  
O122:3M86:22 G2
- FOURNIER (Alain). Le Grand Meaulnes.  
O122:3M861:11 G6
- BENOIT (Pierre). L'Atlantide. O122:3M87:12 F0
- BERNANOS (Georges). Journal d'un cure de campagne,  
etc. O122:3M881:21 G7
- CELINE (Louis-Ferdinand). Death on the instalment  
plan, tr. by John Marks. O122:3M882:12 111G8
- COCTEAU (Jean). Les enfants terribles.  
O122:3M91:11 F9
- MALRAUX (Andre). Les conquerants.  
O122:3M95:11 G3
- La condition humaine. O122:3M95:12 G3
- DE MONTHERLANT (Henry). Les celibataires.  
O122:3M96:23 G4
- DABIT (Eugene). L'Hotel du Nord. O122:3M98:11 G1

- SAINT EXUPERY (Antoine de). Vol de nuit.  
O122:3M99:11 G6
- GIONO (Jean). Un de Baumugnes. O122:3N00:12 F9  
——— Song of the world, tr. by Henri Fluchere and  
Geoffrey Myers. O122:3N00:21 111G8
- GUILLOUX (Louis). Le gang noir. O122:3N01:16 G5
- MONTESQUIEU (Charles). Lettres persanes, ed. par lie  
Carcassonne. 2 T. O122:4K89x F9.1—F9.2
- BOSSUET (Jacques-Benigne). Oraisons funebres.  
O122:5K27x G5

### O122:6 French Prose

- PARIS (Gaston), *etc.* Eds. Extraits des chroniqueurs  
Francais, Villehardun, Joinville, Froissart, Comines,  
*etc.* O122:6x14 G2
- MONTAIGNE (Michel De). Essais, ed. by Pierre Villey.  
3 T. O122:6J33x G0.1—G0.3
- LA ROCHEFOUCAULD (Francois de). Reflexions ou sen-  
tences et maximes morales, *etc.* O122:6K13x G2  
——— Maxims, tr. . . ., by Louis Kronenberger.  
O122:6K13x 111G6
- PASCAL (Blaise). Pensees et opuscules, ed. by Leon  
Brunschvicg. O122:6K23x G7
- LA BRUYERE (Jean de). Les caracteres accompagnees des  
caracteres de Theophraste et du discours a l'Aca-  
demie, ed. par Gaston Cayrou. O122:6K45x G6
- SAINT-SIMON. Scenes et portraits, choisis par Eugene de  
Lanneau. 2 Pts. O122:6K75x F5.1—F5.2
- RENAN (Ernest). Pages choisies. O122:6M24x G8
- MAETERLINCK (Maurice). Old-fashioned flowers and  
other open-air essays, tr. by A. Teixeira de Mattos,  
*etc.* O122:6M62:44 111D6

- ROLLAND (Romain). *I will not rest*, tr. by K. S. Shelvankar. O122:6M66:13 111G4
- PEGUY (Charles). *Morceaux choisis: prose, etc.* O122:6M732x G6
- FARGUE (Leon-Paul). *Sous la lampe: suite familiere, Banalite.* O122:6M78:11 G7

### O122:9 French Literary Criticism

- SAINTE-BEUVE. *Correspondance generale*, ed. by Jean Bonnerot. 2 T. O122:9wM04 G5.1—G5.2
- DEFFOUX (Leon). *Le naturalisme, etc.* O122:90R325 F9
- JONES (P. Mansell). *French introspectives from Montaigne to Andre Gide.* O122:90S 111G7

### O1223 Troubadours

- AUDIAU (Jean). *Les troubadours et l'Angleterre: contribution a l'etude des poetes Anglais de l'amour au moyen-age, XIIIe et XIVE siecles.* O1223:v3:H9 F7

### O123 Spanish Literature

- McCLELLAND (I. L.). *Origins of the romantic movement in Spain.* O123:vM0 111G7
- LORCA (Federico Garcia). *Lament for the death of a bullfighter and other poems in the original Spanish with English tr. by A. L. Lloyd.* O123:1M99x 111G8

### O1295:3 Irish Fiction

- GREGORY (Augusta). *Tr. Gods and fighting men: the story of the Tuatha de Danaan and of the Fianna of Ireland, etc.* O1295:3xH8 111F6



**O13:1:90P**      **GREEK & RUSSIAN LIT.**

**O13 Greek Literature**

**O13:1 Greek Poetry**

- CHRIST** (Wilhelm). *Metrik der Griechen und Romer.*  
O13:1:90P 113A
- WILAMOWITZ-MOELLENDORFF** (Ulrich V.). *Griechische  
Verskunst.* O13:1:90P 113F1
- WEIGALL** (Arthur). *Sappho of Lesbos: her life and  
times.* O13:1C45w 111G7
- HOMER.** *The story of Odysseus: a tr. into plain English  
by W. H. D. Rouse.* O13:1D30:2 111G7

**O13:2 Greek Drama**

- AESCHYLUS.** *Agamemnon, tr. by Louis MacNeice.*  
O13:2D48:5 111G6
- SOPHOCLES.** *King Oedipus: a version for the modern  
stage, by W. B. Yeats.* O13:2D50:1z5 111F8

**O142 Russian Literature**

**O142:1 Russian Poetry**

- PUSHKIN** (Alexander). *Ded.* *Centennial essays, ed. by  
Samuel H. Cross and Ernest J. Simmons.*  
O142:1L99j 111G7
- SIMMONS** (Ernest J.). *Pushkin.*  
O142:1L99w 111G7
- PUSHKIN** (Alexander). *Works: lyrics, narrative poems,  
folk tales, plays, prose, sel. and ed. . . ., by Avrahm  
Yarmolinsky.* O142:1L99z 111G6
- *Ded.* *Pushkin: the man and the artist, etc.*  
O142:1L99:9 111G7
- LERMONTOV** (Michael). *The demon, tr. by Gerard Shelley,  
etc.* O142:1M14:11 111G0

**O142:2 Russian Drama**

- AETZIBASHEF (Michael). War: a play in four acts, tr. by  
Percy Pinkerton and Ivan Ohzol.  
O142:2M78:11 111E8

**O142:3 Russian Fiction**

- KRYLOV (Ivan). Fables, tr. into English verse with a  
preface by Bernard Pares. O142:3L68x 111F6
- TCHHEHOV (Anton). Tales, tr. by Constance Garnett.  
V. 2—4; 7—10; 12—13.  
O142:3M60x 111F0.2—F0.4; F0.7—F0.10;  
F0.12—F0.13
- TOUMANOVA (Nina Andronikova). Anton Chekhov: the  
voice of twilight Russia. O142:3M60:9 111G7
- GORKI (Maxim). Specter, tr. . . ., by Alexander Bakshy.  
O142:3M68:54 111G8
- ARTZYBASHEFF (Boris). Seven Simeons: a Russian tale  
retold and illust. O142:3M92:11 111G7

**O15 Sanskrit Literature**

- HARAPRASAD SASTRI. *Ded.* Memorial volume, ed. by  
Narendranath Law. O15:jM53 111G3
- VIRARAGHAVACHARYA (E. V.). A critique on the  
'History of classical sanskrit literature' of M. S.  
Sastri. O15:vE0 35G7
- KRISHNAMACHARIAR (M.), *etc.* History of classical  
Sanskrit literature, *etc.* O15:vM9 111G7
- RAJA RAJA VARMA RAJA (V.). Keraliya Samskrita  
sahitya charitram: history of Sanskrit literature  
in Kerala. O15:vM9 32F8.1

**O15:1 Sanskrit Poetry**

- JALHANA (Bhagadatta). Sūkti muktāvali, ed. by Embar  
Krishnamacharya. O15:1sG47 G8

**O15:1A1 Ramayana**

TRIPATI (Sivadatta). Gadya Ramayanam, ed. by Ramadatta Tripati. O15:1A1z5 G7

RUBEN (Walter). Studien zur Textgeschichte des Ramayana. O15:1A1:90M1 113G6

**O15:1A2 Mahabharata**

TRIPATI (Sivadatta). Gadyabharatam. 2 pts. O15:1A2z5 G5.1—G5.2

ALASINGARACHARYA (M. D.). *Tr.* Mahabharatam. V. 3, V. 10. Pts. 3 and 4.

O15:1A2 33G1.5; 33G1.14 & 33G1.15

RAGHAVAN (V.). Greater gita. O15:1A2:9 111G8

VENKATASUBRAHMANYA SASTRY (P.). Rajasuya rahasyamu. O15:1A2:9 35G8

SURYANARAYANA SASTRI (S.). Sri Mahabharata rahasyamu. O15:1A2:9 35G81

JOHNSTON (E. H.). *Ed.* The Buddhacarita or, acts of the Buddha. Pt. 1. Sanskrit text. Pt. 2. Cantos i—xiv translated from the original Sanskrit, supplemented by the Tibetan version, etc.

O15:1D11 G5.1—G5.2

**O15:1D40 Kalidasa**

KALIDASA. Nalodaya: a Sanskrit historical poem in four books, with a comm. Subodhini, ed. by Jagannatha Sukla. O15:1D40:8 A

NARAYANA DAS (A.). Navarasa taranginhy or beauties of Shakespeare and Kalidas. O15:1D40:9 35F2

LILA SUKA. Krishna karnamirtam, tr. by M. Ramanujacharya Swami. O15:1E00:1 31G7

**O15:1F00:1 Gita-Govinda**

- JAYADEVA. Gitagovinda mahakavyam: ashtapadi, ed. by  
C. R. Srinivasa Iyengar. O15:1F00:10N8 31G5
- APPA RAO (Venkatadri). Andhra gitagovindamu.  
O15:1F00:10N8 35G8
- KUMARA KAVI. Krishnavilasam. O15:1I75:1 E4
- RAMAN NAMBU DRI (E. V.). Vidwan Krishnanrishi.  
O15:1M24w 32F7
- MAHALINGA SASTRI (Y.). Kinkinimala: a collection of  
shorter poems. First series. O15:1M97:12 G4

**O15:2 Sanskrit Drama**

- SRIRAMULU (V.). Specimens of Sanskrit dramatic  
poems. O15:2x D8 111G8
- MANKAD (D. R.). The types of Sanskrit drama, etc.  
O15:2:9 111G6
- BHASA. Madhyamavyayogam, tr. by V. S. Ramaswami  
Sastri. O15:2D35:16 31G7
- MAHADEVA SARMA (A.). Ravindra kriti.  
O15:2D40:9 32F6
- DINNAGA. Kundamala: the jasmine garland, tr. ..., by  
A. C. Woolner. O15:2D42:1 111G5
- HARSHA. Naganandamu, tr. by P. Venkatanarasimha-  
charyulu. O15:2D60:3 35G6
- BHAVABHUTI. Malatimadhavam ..., ed. and tr. by C. R.  
Devadhar and N. G. Suru. O15:2D70:2 G5
- VIRARAGHAVACHARYA (E. V.). A critique on Murari and  
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natakam, ed. by Sampathkumara Ramanuja Muni.  
O15:2D90:1 F9
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**O15:3 Sanskrit Fiction**

DANDIN. Dasha-kumara-charita: the ten princes, tr. . . .,  
by Arthur W. Ryder.      O15:3D63:1 111F7

**Sanskrit Literary Criticism**

BHAMAHA. Kavyalankara, with Udayana vritti, a lucid  
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appendix dealing with Alankarikas, by D. T.  
Tatacharya, etc.      O15:9x2 G4

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O15:9x2 111F7

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Rangacharya Raddi Shastri.      O15:9x3 G8

MAMMATA. Kavyaprakasa, with the comm. Adarsa of  
Maheswara, ed. by Amarendramohan and Upendra  
Mohan, etc.      O15:9x8 G6

RAJANAKA KUNTAKA. Vakroti-jivita : a treatise on  
Sanskrit poetics, with his own comm., ed. . . ., by  
Sushil Kumar De.      O15:9xE50 F8

BHOJADEVA. Sringeraprakasa, ed. by Sampat Kumara  
Ramanuja Muni. Pt. 1.      O15:9xE55:2 F6.1

JAYADEVA. Chandraloka: Alamkaraprakarana, tr. by  
C. Sankara Rama Sastri. Mayuka. 5.  
O15:9xH10 111G6

**O152 Hindi Literature**

SRINIVASA SARMA (D.). Tulasidasa charitramu. Pt. 1.  
O152:1J32w 35G8

TULSIDAS. Book of Ram: the Bible of India, rendered  
into English by Hari Prasad Shastri.  
O152:1J32:1 111G5

**O157 Bengali Literature**

SEN (Sukumar). A history of Brajabuli literature, being  
a study of the Vaishnava lyric poetry and poets of  
Bengal.      O157:1vN3 111G5

**O164 Persian Literature****O164:1 Poetry**

DAUDPOTA (Umar Muhammad). The influence of Arabic poetry on the development of Persian poetry.

O164:1:90028 111G4

**Individual Poets**

*(Arranged Chronologically)*

MUHIYU'D-DIN IBN AL-ARABI. Tarjuman al-Ashwaq: a coll. of mystical odes, ed. ... by Reynold A. Nicholson. O164:1D56:1 111E1

OMAR KHAYYAM. Rubaiyyat. O164:1E50:1 G2

SADIQ HIDAYAT. *Ed.* The Turanes of Khayyam, etc. O164:1E50:1 G5

ABU BAKR HAMID-AL-DIN. Maqamat-i-Hamidi. O164:1E57w G4

FARRUKHI. Diwan-i-Farrukhi, ed. by Ali Abdur Rasuli. O164:1J85x G3

IQBAL (Muhammad). Secrets of the self (Asrar-i-Khudi): a philosophical poem, tr. by Reynold A. Nicholson. O164:1M76:11 111F0

**O164:2 Persian Drama**

MALKAM KHAN NIZAM-AL-DAWALA. Majmua mushtamil bar seh qita tiyatar. O164:2xM8 F2

**O164:3 Persian Fiction**

ABBAS KHALILI. Intiqam. O164:3M82:11 G3

ABUL QASIM PAINDA. Qatil. O164:3M84:11 G4

SAYYID HUSAIN KABIR. Kinar-i-chaman. O164:3M88:11 G5

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ITISAM ZADAH. Hazar wa yak Khanda. 2 V.

O164:6xM8 G1.1—G1.2

**O28 Arabic Literature**

FREYTAG (G. W.). Darstellung der arabischen Verskunst  
mit sechs Anhaengen, etc. O28:1:90P 113A

HARTMANN (Martin). Metrum und Rhythmus: die  
Entstehung der arabischen Versmasse.  
O28:1:90P 113C6

IQBAL (Abbas). Sharh-i-Hal-i-Abdullah ibn al-Maqaffa-  
Farsi. O28:1D67w 164F6

MATHERS (Powys). *Tr.* Book of the thousand nights  
and one night. 4 V.  
O28:3D95 111G7.1—111G.4

**O31 Tamil Literature**

TANJAI KARANDAI TAMIL SANGAM. *Ded.* Karandai  
katturai vellivila ninaivumalar. O31/2:N13j G8

ARAVAMUTHAN (T. G.). Tamil traditions: two studies.  
O31:vK0 G2

**O31:1 Tamil Poetry**

SOMASUNDARA DESIKAR (S.). Tamilppulavargaḷ vara-  
laru padinārām nūṭṛāṇdu. O31:1wJ7 G6

RAGAVA IYENGAR (M.). Sasanattamilkkavi charitam.  
O31:1wL0 G7

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(*Arranged Chronologically*)

NALLANDUVANAR. Kalittokai mulamum, T. A. Kanaka-  
sabapathi Mudaliar iyatriya vilakka uraiyum :  
Palaikali. O31:1A6 G7

——— Kalittokai, with the comm. of Nacchinarkiniyar,  
etc. O31:1A6 G8

- TIRUVALLUVAR.** Sacred kural or the Tamil veda, sel. and tr. . . ., by H. A. Popley. O31:1B5x 111G1
- Tirukkural with a comm. by Parimelalakar. Arattuppal, ed. by V. M. Sadagoparamanujachariar. O31:1B51 G7
- CHOKKANADHA PILLAI** (Palapattada). Alagar killai vidu dhudu, ed. by U. V. Saminatha Iyer. O31:1L28:2 G8
- SAMINATHA IYER** (U. V.). *Ed.* Siramalaik kovai. O31:1L50 G7
- RAGAVA IYENGAR** (R.). Pari katai, with comm. O31:1M81:11 G7
- (M.). Collected essays (Ārāyechittohudi), etc. O31:6M782x G8

## O32 Malayalam Literature

### O32:1 Poetry

#### Individual Poets

(Arranged Chronologically)

- TUNCHAT EZUTHATCHAN.** Adyatma Ramayanam: kilippattu, ed. by C. K. Achyuta Warriar. O32:1K20:31 G8
- BHASKARA MENON** (M.). Dhurmohanarmukti. O32:1M848:11 G8
- NARAYANA MENON** (N.). Pugayila mahalmyam. O32:1M86:13 E4
- AMBADEVI THAMBURATTI.** Amrta madhanam. O32:1M903:11 F6



**O32:2 Malayalam Drama****Individual Dramatists***(Arranged Chronologically)***O32:2M57 Raman Pillai**

RAMAN PILLAI (C. V.).	Kurippillak kulari.	O32:2M57:11	E7
————	Cheruten Kolambus.	O32:2M57:13	E8
————	Kaimalasanude kadasikai.	O32:2M57:14	E8
————	Doetorkku kittiya mieham.	O32:2M57:21	G7
————	Papi chellanadam patalam.	O32:2M57:22	E9
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————	Tentanan Kollu Harichandran	O32:2M57:24	F4
————	Pandathy patchen.	O32:2M57:31	G7
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KRISHNA PILLAI (E. V.).	Mayamanushan.	O32:2N02:25	G5
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RAMAN NAMBUDIRI (E. V.).	Mahilakolude mokshamargam.	O32:2N044:11	F3

**O32:3 Malayalam Fiction****Individual Novelists***(Arranged Chronologically)*

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PADMANABHA PILLAI (M.).	Mathews Anthanesiusinude Panchakalyani: oru nirupanam.	O32:3M21:1:9	F9
KRISHNA PILLAI (P. N.).	Unnikittan.	O32:3M534:11	D5

- GOPALA PILLAI (P. P.). Sarada. Pt. 2.  
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- KRISHNA PISHAROTI (A.). Taraka. O32:3M701:11 F1
- BALAKRISHNA PILLAI (A.). Randu sabasika yatrakal.  
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- NANU PILLAI ASAN (T.). Prabhavati.  
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- SADASIVAN PILLAI (C.). Sindhupadan.  
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- NARAYANA PANIKKAR (E.). Premotkarsham.  
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chetam. O32:3M804:11 G3
- NARAYANA PILLAI (V. K.). Ratnapuri.  
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- KESAVA PILLAI (K. P.). Bhanumati.  
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- DAMODARAN (K.). Pranaya pasam.  
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- UNNI KRISHNAN NAIR (V.). Ravikiranam. O32:3M891:11 G2
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- RAMASUBBA SASTRI (S.). Saramulla irupath onpatu  
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- NARAYANA MENON (K.). Sucharitakal. 2 Pts.  
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- BAPPU RAO (N.). Vāsini. O32:3M988:11 G0
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- RAGHUNATHA BHUPALA. Raghunatha Ramayanamu. Pt. 1. O35:1K50:1 G7.1
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- VENKATA RAO (K.). Prakritichandanamu. O35:1M924:11 F2
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terms and words in common use ... with an  
appendix giving computation of time and money,  
and weights and measures, in British India, and  
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INTO ENGLISH. System of transliteration from  
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### P31 Tamil Language

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P31:Dx101 31G7

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P31:J:9 A

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P31:J4k 31G7

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P35:Ex1 35G7

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P35:ExM60 35G7

P35:E4k

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P35:E4k 35G71

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P35:J29:3 35F3

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P35:J4k G61.1

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P4z F9

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P498 G4

## Q Religion

The following are the chief divisions under which the books in Religion are grouped:—

<b>Q1</b>	<b>Vedic religion</b>
Q111	Aitereya Rigvedic
Q12	Yajurvedic
Q13	Samavedic
Q14	Atharvavedic
<b>Q2</b>	<b>Post-Vedic Hinduism</b>
Q2:4	Post-Vedic Hindu religious practices
Q21	Smartaism
Q21:22	Smarta puranas
Q21:417	Devotional lyrics
<b>Q22</b>	<b>Vaishnavism</b>
Q22:22	Vaishnava puranas
Q22:417	Devotional lyrics
Q2212	Madhvas
<b>Q23</b>	<b>Saivism</b>
Q23:38	Local (Sthala) puranas
Q23:417	Devotional lyrics
Q234	Virasaivism
Q234:27	Sayings
Q234:4	Religious practices
Q234:52	Sermons
Q234:6	Religious organisation
Q24	Vinayakaism
<b>Q25</b>	<b>Saktism</b>
<b>Q3</b>	<b>Jainism</b>

<b>Q4</b>	<b>Buddhism</b>
Q41	Hinayana
Q42	Mahayana
Q43	Tibetan school
Q44	Chinese school
Q45	Japanese school
<b>Q5</b>	<b>Judaism</b>
Q52	Babylonian school
Q52 :222	Talmud
<b>Q6</b>	<b>Christianity</b>
Q6 :2	Scripture
Q6 :3	Theology
Q6 :4	Religious practices
<b>Q7</b>	<b>Muhammadanism</b>
Q7 :21	Quran
Q841	Chinese Religions
Q8412	Confucianism
<b>Q8413</b>	<b>Taoism</b>
<b>QM75</b>	<b>Theosophy</b>

CIOFFRO (Barmellion Cesare). *La divina religione: la regola della vita spirituale dell'umanita: proclami.*  
Q27 121G7

HUME (Robert Ernest). *Comp. and ed. Treasure-house of the living religions, selections from their sacred scriptures.*  
Q :2x G3

### Q1 Vedic Religion

GHOSH (Batakrishna). *Collection of the fragments of lost Brahmanas.*  
Q1 :22x 15G5

**Q111 Rigvedic Religion**

NARAYANA DAS (A.). Riksangraha maikubadi.

Q111:21x 35F9

**Q12 Yajurvedic Religion**

JAMBUNATHAN (M. R.). *Tr.* Yajur veda, etc.

Q12:21 31G8

NARAYANA SASTRI (T. M.). *Ed.* Taittiriya samhita padapata with svāra. 2 V.

Q125:2 15G2.1—G2.2

RAMAKRISHNA SASTRI (K.). Ekagnikānda or mantra-prasna, with a comm. by Haradatta Misra.

Q125:214 15D8

NARAYANA SASTRI (T. M.). *Ed.* Taittiriya aranyaka with Kathaka.

Q125:23 15F6

BODHAYANA. Smārtha kalpasutra, ed. by M. Muddu Dikshita.

Q125:42x1 15D5

CHINNASWAMI SASTRI (A.), etc. *Eds.* Catapatha brahmana of the white yajurveda in the Mādhyandina recension. Pt. 1.

Q127:22 15G7.1

**Q13 Samavedic Religion**

BHATTACHARYA (Bhavavibhūti). *Ed.* and *tr.* Samaveda samhita, with Sayana's comm. bhasyasara, padapatha with English tr. etc. V. 1.

Q131:21 15G6.1

GOBHILA. Gobhilagrhyasutram, with Bhattanarayana's comm. ed. by Chintamani Bhattacharya, etc. V. 1.

Q131:42x3 15G61.1

RAGHU VIRA. *Ed.* Jaiminiya brahmana of the Samaveda. Bk. 1.

Q132:22 15G7.1

**Q14 Atharvavedic Religion**

- BARRET (Leroy Carr). *Ed.* The Kashmirian Atharva veda. Books. 16 & 17. (in 1 V.). (*Books 1—15 published in the Journal of the American Oriental Society*). Q142:21 15G61.1

**Q2 Post-Vedic Hinduism**

- SUDDHA DHARMA MANDALAM ASSOCIATION. *Madras.* Suddha sanatana dharma: a paper read at the convention of religions at Puri, Orissa. Q2 G6
- GUENON (Rene). Introduction generale a l'etude des doctrines Hindoues. Q2 122G2
- GANESA SASTRI (M.). Vedamum manastattvamum yenum Vedagamam ithihasa purana rahasya nirupana nul: madamum manastattvamum yenum purvottara-pagangal adangiyadu: Vedic religion and manas tattvam etc. Q2 31G4
- BALDAEUS (Philippus). Afgoderye der Oost-Indische Heydenen ..., ed. by A. J. De Jong. Q2:31 122E7
- ACHUTA VARRIER (U.). Vilwam puranam. Q2:382CV6 32G0
- DE VREESE (K.). *Ed.* Nilamata or teachings of Nila: Sanskrit text with critical notes. Q2:3841 15G6

**Q2:4 Hindu Religious Practices**

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- GANESA SASTRI (M.). Brahma vidya rahasyam. Q2:41 31G5
- VAIDYANATHA DIKSHITA. Smriti muktaphala: prayas-chitta kanda, ed. by T. M. Narayana Sastri. Q2:4195zxK30 15E7
- Varnasrama kanda, ed by K. Ramakrishna Sastri. Q2:42zxK30 15D6

MALLAYYA SASTRI (B.). Vivahatattvam.

Q2:427 35G4

VAIDYANATHA DIKSHITA. Smriti muktaphala: sraddha kanda, ed. by T. M. Narayana Sastri.

Q2:428zxK30 15F4

——— Asauca kanda, ed. by T. M. Narayana Sastri

Q2:4284zxK30 15F3

## Q21 Smarthaism

### Q21:22 Puranas

SHASTRI (Hariprasad). *Tr.* Yoga Vasishtha: the story of Queen Chudala and sermons of Holy Vasishtha.

Q21:226 G7

ANANDA Ramayanam.

Q21:227 15F6

### Q21:417 Devotional Lyrics

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Q21:417 15E6.1—E6.2

LELE (Venkatesa Sastri). *Ed.* Brihat stotra-ratna-har. 2 pts.

Q21:417 15F5.1—F5.2

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Q21:4194 15G4.1—G4.2

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Q22:223x F4.1—F4.2

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- NATESA SASTRI (K.). *Tr.* Srimad Bhagavatam. 7 V.  
Q22:223 31G3.1—G3.7
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Q22:417x1g 31G0
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2 V. Q22:417x1:1 31F8.1—F8.3
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Q22:417x1:2 31F7.1—F7.4
- ANNANGARACHARIAR (P.). *Ed.* [Iyarpa]. 3 V.  
Q22:417x1:3 31F8.1—F8.3
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Q2212:38154 G8
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Q2212:67h2:G68v 33G6

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Q222:231 15G4

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Q222:235 35G8.1—G8.2

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Q2221 31G7
- PERIYA VACHAN PILLAI. (*i.e.* Krishna Suri) Tanisloki,  
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tion. Q224:417 31F5

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Q23:381CM 15G5
- ANDAKAKKAVI VIRARAGHAVA MUDALIAR. Tirukkaluk-  
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Q23:381CT6 31G8

**Q23:417 Devotional Lyrics**

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linga Swami. Q23:417xK50 33F6
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**Q234 Virasaivism**

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 V. Nagesa Sastri. Q234 33G4  
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**Q234:27 Sayings**

- HALAKATTI (P. G.). *Ed.* Vachana sastra sara. V. 2.  
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**Q234:4 Virasiva Religious Practices**

- SIDDHALINGESWARA. Ekottara satasthala. Q234:4 33[G3]  
 HALAKATTI (P. G.). *Ed.* Linga mattu paramatma. Q234:41 33F7  
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- SIDDHARAMESWARA. Vachanagalu. Q234 :52 33G2
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- AMBIGARA CHOWDAYYA. Vachanagalu. Q234 :52 33G41
- MAHADEVVIYAKKA. Vachanagalu. Q234 :52 33G42
- LINGAMMA. Vachanagalu. Q234 :52 33G5
- URILINGA PEDDIYA. Vachanagalu. Q234 :52 33G6
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Q25:225 15D8
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Q25:225 32G5
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tale of fictitious people faithfully recounting  
strange rites still practised by this cult, etc.  
Q256 G6

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chandra. Q3wM66 154E5
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Q3xJ00 154E9.1—E9.3
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Q41:22521 1511G7

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OTTO (Rudolph). Kingdom of God and the Son of Man, tr. by Floyd V. Filson and Bertram Lee Woolf.

Q6 G8

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Q6:22 C9.1—C9.7

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### Q6:3 Theology

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SPENS (Maisie). Concerning Himself. Q6:33 G7

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## R Philosophy

The following are the chief divisions under which the books in Philosophy are grouped:—

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R693	Jaina philosophy
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R841	Chinese philosophy
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**Rv History of Philosophy**

**METZ** (Rudolf). A hundred years of British philosophy, tr. by J. W. Harvey, ... ed. by J. H. Muirhead.

**Rv3:N3 G8**

**DE WULF** (Maurice). History of mediaeval philosophy, tr. by Ernest C. Messenger V. 2. **Rv5:J9 G5.2**

**Rw Biography**

LOWRIE (Walter). Kierkegaard. RwM13 G8

**Rx Classics and Collections****RxC42 Plato**

WATERS (Hallie). The Pythagorean way of life, with a discussion of the golden verses. RxC42:9 F6

GAUSS (H.). Plato's conception of philosophy. RxC57:9 G7

ROBIN (Leon). Platon. RxC57:9 122G5

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GILSON (Etienne). Saint Thomas Aquinas. RxG25:9 G5

BESANT (Annie). Giordano Bruno: theosophy's apostle in the sixteenth century and the story of Giordano Bruno: a lecture delivered in the Sorbonne at Paris, on June, 15, 1911. RxJ48:9 E3

AARON (R. I.). John Locke. RxK31:9 G71

SCHOPENHAUER (Arthur). Studies in pessimism: a series of essays, sel. and tr. by T. Bailey Saunders. RxL88 G7

**RxM13 Kierkegaard**

KIERKEGAARD (S.). Purify your hearts! a discourse for a special occasion, the first of three "Edifying discourses in a different vein" published in 1847, tr..., by A. S. Aldworth and W. S. Ferrie. RxM13 G7

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RxM13:9 G7

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RxM13:9 G71

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RxM80:4 G7

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RxM80:5 G8

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THOMAS (John). Philosophic foundations.

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R G71

ZIA-UDDIN DARI. Falsafatul itimad. 2 Pts.

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**R2 Epistemology**

- MAUND (Constance). Hume's theory of knowledge: a critical examination. R2xL11:9 G7
- CASSIRER (H. W.). Comm. on Kant's critique of judgement. R2xL24:9 G8

**R3 Metaphysics**

- LOOMBA (Ram Murti). Bradley and Bergson: a comparative study, etc. R3xM59:9 G7
- KELLY (Thomas R.). Explanation and reality in the philosophy of the Emile Meyerson. R3xM592:9 G7
- SANTAYANA (George). Realms of being. Bk. 3. R3 F81.3
- JAIN (Aegidius). Silver world: an essay on the ultimate problems of philosophy. R3 G7
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- MUKERJI (A. C.). Nature of self. R3 G8

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- HOBSON (E. W.). Domain of natural science. R3:A F65
- EDDINGTON (Arthur). New pathways in science. R3:A G51
- BENJAMIN (A. Cornelius). Introd. to the philosophy of science. R3:A G7
- POINCARÉ (H.). La valeur de la science. R3:A 122G8
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- STEBBING (L. Susan). Philosophy and the physicists.  
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- USHENKO (A. P.). Philosophy of relativity.  
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- HEATH (Louise Robinson). The concept of time.  
R3:C86 G6
- CLEUGH (M. F.). Time and its importance in modern  
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- WIEMAN (Henry Nelson), *etc.* American philosophies of  
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- BAKER (Frank). Myth, nature, and individual: aspects of the philosophy of art and magic. R3:Q:1 G1

### R3:Q:34 Soul

- BRANFORD (Benchara). Eros and psyche: an essay on the constitution and destiny of man. R3:Q:34 G4
- HOCKING (William Ernest). Thoughts on death and life. R3:Q:34 G7
- EDITORS OF THE SHRINE OF WISDOM. *Pseud.* Human soul in the myths of Plato. R3:Q:34 G71

### R3:Q2 Philosophy of Hinduism

- BRAHMA (Nalini Kanta). Philosophy of Hindu sadhana, etc. R3:Q2 G2

### R3:Q6 Philosophy of Christianity

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- BRUNNER (Emil). Philosophy of religion from the standpoint of Protestant theology, tr. by A. J. D. Farrer and Bertram Lee Woolf. R3:Q6 G7
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MARITAIN (Jacques). Humanisme integral: problemes temporels et spirituels d'une nouvelle chretiente. R39Y 122G6

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- JAYA TIRTHA. Vadavali, with three tippanis. R68x3 15G7
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- AMTACANDRA. Purusartha-siddhyupaya, ed. with comm. and Hindi tr. by Nathuram Premi. R693xD90:2 152G3
- NEMICANDRA. (*i.e.* Devendragani). Brahad-dravyasamgraha, with Brahmadeva's Sanskrit comm. and Hindi comm. by Jawaharlal ed. by Manoharalal. R693xD98:1 152E91
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## S Psychology

The following are the chief divisions under which the books in Psychology are grouped:—

<b>Sv</b>	History
<b>Sy8</b>	Practical
<b>S</b>	<b>Treatises</b>
<b>S:76</b>	Intuition
<b>S15</b>	Child-psychology
<b>S4</b>	Vocational psychology
<b>SM95</b>	Psychoanalysis
<b>SN12</b>	Gestalt psychology
<b>SN14</b>	Individual psychology

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### **Sv History of Psychology**

SPEARMAN (C.). Psychology down the ages. 2 V.  
Sv1:N3 G7.1—G7.2

### **Sy8 Practical Psychology**

BORING (Edwin Garrigues), *etc.* Manual of psychological experiments. Sy8 G7

### **S Treatises**

McDOUGALL (William). Psychology: the study of behaviour. S G7  
ALLERS (Rudolf). New psychologies. S G8  
THOULESS (Robert H.). General and social psychology: a text-book for students of economics and of social sciences. S G71

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VERNON (M. D.). Visual perception. S:4 G7

PHILLIPS (Margaret). Education of the emotions through  
sentiment development. S:50T G7

WOOD (Ernest). Concentration: a practical course.  
S:66 F5

——— Character-building: a practical course.  
S:74 F4

### S:76 Intuition

JINARAJADASA (C.). The place of intuition in the new  
civilization. S:76 F7

WILD (K. W.). Intuition. S:76 G3

WOOD (Ernest). The intuition of the will.  
S:760QM75 F7

THOULESS (Robert H.). Control of the mind. S:9 G61

VARNUM (Walter C.). Psychology in every day life.  
S:9 G8

### S15 Child-Psychology

COOMBER (Helen). Movement: clue to brain action: one  
way to study a child. S150T G7

GUTTERIDGE (M. V.). The duration of attention in young  
children. S15:310T G5

EARLE (F. M.). Psychology and the choice of a career.  
S4 G3

### S4 Vocational Psychology

BINGHAM (Walter Van Dyke). Aptitudes and aptitude  
testing. S4 G7

BALZAC (Honore de). Physiology of marriage, etc.  
S5:5 G2

ISRAELI (Nathan). Abnormal personality and time.  
S6:38:4 G6

WALLAS (Graham). Social judgment. S8:44 G4

**SM95 Psychoanalysis**

FREUD (Sigmund). A general selection . . . , ed. by John  
Rickman. SM95xM56 G7

JONES (Ernest). Papers on psycho-analysis. SM95 G8

DALBIEZ (Roland). La methode psychanalytique et la  
doctrine Freudienne. 2 T.

SM95 122G6.1—G6.2

KLEIN (Melanie), *etc.* Love, hate and reparation.

SM95:5 G7

**SN12 Gestalt Psychology**

ELLIS (Willis D.). Source book of Gestalt psychology,  
*etc.* SN12z7 G8

**SN14 Individual Psychology**

ADLER (Alfred). Social interest: a challenge to mankind  
tr. by John Linton and Richard Vaughan.

SN14xM70:5 GS



## T Education

The following are the chief divisions under which the books in Education are grouped:—

### Preliminaries

<i>Ta</i>	Bibliography
<i>Tb</i>	Profession
<i>Tv</i>	History
<i>Tw</i>	Biographies
<i>Ty8</i>	Experiments
<i>Tz7</i>	Essays and lectures

<b>T</b>	<b>Treatises</b>
<b>T0M</b>	Vocational education
<b>T0Y1</b>	Education and society
<b>T:2</b>	Schools of education
<b>T:3</b>	<b>Teaching methods</b>
<b>T:4</b>	Educational organisation
<b>T:44</b>	Curriculum
<b>T:471</b>	Intelligence tests
<b>T:5</b>	School hygiene
<b>T:81</b>	<b>Bilingualism</b>
<b>T:85</b>	Visual instruction

### **T1:2L82** Kindergarten

<b>T13</b>	Preschool education
<b>T15</b>	Elementary education
<b>T15:2L50</b>	<b>Pestalozzi</b>
<b>T15:2N12</b>	<b>Montessori</b>
<b>T15:3</b>	Teaching methods in elementary schools

### **T2** Secondary education



T2:3	Teaching methods in secondary schools
T2:3A	Teaching of science in secondary schools
T2:3B	Teaching of mathematics in secondary schools
T2:44	Curriculum of secondary schools
T2:47	Educational measurements in secondary schools
<b>T3</b>	<b>Adult education</b>
<b>T4</b>	<b>University education</b>
T6	Education of the abnormals
T7	Education of the socially handicapped
T9Y131	Rural education

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Ta4:573 G7

### **Tb Profession**

SANDIFORD (Peter), *etc.* Forecasting teaching ability.

Tb2y8 G7

RICH (R. W.). The training of teachers in England and Wales during the nineteenth century.

Tb3v3:N0 G3

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### Tv History

MONROE (Paul). A brief course in the history of  
education. Tv1:N0 G6

McCALLISTER (W. J.). The growth of freedom in educa-  
tion: a critical interpretation of some historical  
views. Tv1:N2 G1

GRAVES (Frank Pierrepont). Student's history of educa-  
tion: our education today in the light of its  
development. Tv1:N3 G61

WARD (Herbert). Notes for the study of English  
education from 1860—1902.

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WARD (Herbert): Notes for the study of English educa-  
tion from 1900—1930. Tv3:N3 G7

HSLAO (Theodore E.). The history of modern education  
in China. Tv41:N2 G2

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- NARAYANA RAO (C.)**. Germanidesa vidya vidhanamu.  
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- McKERRON (M. E.)**. A history of education in South Africa, 1652—1932. Tv63:N3 G4
- GALT (Russell)**. The effects of centralization on education in modern Egypt. Tv671:N3 G6
- HANUS (Paul H.)**. Adventuring in education.  
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- COOK (Katherine M.)**. Public education in Alaska.  
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- STUDEBAKER (J. W.)**. Critical issues in education, *etc.*  
Tz7 G7
- STAMP (Josiah)**. We live and learn: addresses on education. Tz7 G8

**T Treatises**

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 SKINNER (Charles E.), *etc.* *Eds.* An introd. to modern education, *etc.* T G72

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**T:4 Educational Organisation**

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**T:44 Curriculum**

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## U Geography

The following are the chief divisions under which the books in Geography are grouped:—

U:1	Geography of the world
U:21	Geography of Madras
U:7	Geography of America

U1	Mathematical geography
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### **U2 Physical geography**

U28	Meteorology
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U296	Ionosphere
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U3	Biogeography
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U45	Population
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U47	Human geography
-----	-----------------

U5	Political geography
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U6	Commercial geography
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### **U8 Travels**

U8:1	World travels
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U8:2	Travels in India
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U8:21	Travels in Madras
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U8:5	Travels in Europe
------	-------------------

U8:6	Travels in Africa
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all important localities in India and adjacent  
countries, etc. U:2fk F8
- Glossary of vernacular terms used on the  
survey of Indian maps. U:2:Pk G1
- MADRAS. MADRAS SURVEY (Director of—). Madras  
Presidency atlas. U:21f F8
- Statistical atlas of the Madras Presidency rev.  
and brought upto fasli 1340. U:21 G6
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- VON FABER (G. H.). The land of a thousand temples,  
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- MORAND (Paul). New York. U:73CN 122G0
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**U2 Physical Geography**

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- HASAN KHAN MANTIQ-UL-MULK. Tarikh-i-Mantiqi.  
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- AMEN. Takht-i-Jamshid. V45:71 164G2

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- BAHAUDDIN MUHAMMAD BIN MOYYID BAGHDADI. At tawassul ilad tarassil. V46:828:F7 164G2
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- STEPHENS (Ferris J.). Votive and historical texts from Babylonia and Assyria. V467:72 G7

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- CALDER (W. M.). *Ed.* Monumenta Asiae Minoris antiqua. V. 1. V47:7 F8.1
- HERZFELD (E.), *etc.* Monumenta Asiae Minoris antiqua. V. 2. Meriamlik und Korykos: zwei christliche ruinenstatten des Rauhen kilikiens. V47:7 F8.2
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- DOPSCH (Alfons). The economic and social foundations of European civilization, condensed by Erna Patzelt, tr. by M. G. Beard and Nadine Marshall. V5:5:D6 G7

### V51:5 Grecian Cultural History

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#### V53:1 General

- BATIFFOL (Louis). La journee des Dupes. V53:1:K30 122F5
- DE SAINT-LIEGER (A.), *etc.* La preponderance Francaise, Louis XIV. 1661—1715. V53:1:L1 122G5

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### V671:21w Egyptian Monarchs

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**V73:28 Administrative Machinery of the United States**

- UNITED STATES. CIVIL SERVICE COMMISSION. Official register of the United States. 1937. V73:28*wm*
- FRANKFURTER (Felix). The public and its government. V73:28:N3 G1
- WHITE (Leonard D.). Trends in public administration. V73:28:N3 G3

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- GOLDER (Frank A.). Guide to materials for American history in Russian archives. V. 2. V73:819:M6*g* E7.2
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**V8 Australian History**

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WOOD (F. L. W.). Constitutional development of Australia. V8:2:N3 G3

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**V93 History of Pacific Islands**

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ROSE (J. Holland), *etc., eds.* Cambridge history of the British Empire. V. 7. Pt. 2. New Zealand.

V937:1:N2 G3

## W Political Science

The following are the chief divisions under which the books in Political Science are grouped:—

<b>Wv</b>	History of political thought
<b>Wx</b>	Classics and collections
<b>W</b>	<b>Treatises</b>
<b>W:23</b>	Legislature
<b>W:3</b>	Functions of government
<b>W:5</b>	Political rights and duties
<b>W:7</b>	Relation among constituent states
<b>W:91</b>	Foreign relations
<b>W6</b>	Democracy
<b>W64</b>	Dictatorship
<b>W7</b>	Utopia

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### **Wv History of Political Thought**

- DOYLE** (Phyllis). A history of political thought.  
Wv2:C7 G7—G72
- RAMASWAMI AIYAR** (C. P.). Indian political theories.  
Wv2:C7 G7, G71, G72
- ALLEN** (J. W.). English political thought, 1603—1660.  
V. 1. 1603—1644. Wv3:J6 G8.1
- GOOCH** (G. P.). Political thought in England from  
Bacon to Halifax. Wv3:L1 G3
- LASKI** (Harold J.). Political thought in England from  
Locke to Bentham. Wv3:M6 G7
- DAVIDSON** (William L.). Political thought in England:  
the utilitarians from Bentham to J. S. Mill.  
Wv3:M7 G5

Wv3:N1

POLITICAL SCIENCE

BARKER (Ernest). Political thought in England, 1848—  
1914. Wv3:N1 G2

SABINE (George H.). History of political theory.  
Wv5:N3 G7

**Wx Classics and Collections**

MORLEY (John). Edmund Burke: a historical study.  
WxL29:9 A

COLERIDGE (Samuel Taylor). Political thought of Samuel  
Taylor Coleridge: a selection by R. J. White.  
WxL72 G8

LINEBARGER (Paul Myron Anthony). Political doctrines  
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Jayaswal. WzxG85 15G6

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ments. 3 Pts. W G51.1—G51.3

GILCHRIST (R. N.). Principles of political science.  
W G52

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W G7

SUBBA RAO (M.). Rajakiya sastramu. W 35G8

**W:23 Legislature**

SMITH (Everett Phoenix). *Comp.* Unicameral legislature.  
W:23 G7

UNICAMERAL legislatures. 2 V. W:23 G71.1—G71.2

ROUSSE (Thomas A.). Bicameralism *vs.* unicameralism.  
W:23 G72

JOHNSON (Alvin W.). Unicameral legislature.  
W:23 G8

**W:3 Functions of Government**

BENN (Ernest J. P.). Modern government "as a busy-body in other men's matters". W:3 G6

DIMOCK (Marshall E.). Modern politics and administration: a study of the creative state. W:3 G7

**W:5 Political Rights and Duties**

PAINÉ (Thomas). Rights of man: being an answer to Mr. Burke's attack on the French revolution, ed. by Hypatia Bradlaugh Bonner, etc.

W:5xL37 G7

LASKI (Harold J.). Liberty in the modern state. W:5 G7

**W:7 Relation among Constituent States**

ASIRVATHAM (E.). Forces in modern politics: nationalism, imperialism and internationalism.

W:7 G6

VENKATARANGAIYA (M.). Federalism in government. W:72 G5

**W:91 Foreign Relations**

RUSSELL (Bertrand), *etc.* Dare we look ahead? W:91z7 G8

MADARIAGA (Salvador de). Theory and practice in international relations. W:91 G7

MACKINDER (H. J.). Democratic ideals and reality: a study in the politics of reconstruction. W:915 E9

**W6 Democracy**

SIMON (Ernest), *etc.* Constructive democracy. W6z7 G8

LASKI (Harold J.). Democracy in crisis. W6 G42

W6

POLITICAL SCIENCE

SWABBY (Marie Collins). Theory of the democratic state.

W6 G7

MADANAGA (Salvador de). Anarchy or hierarchy.

W6 G71

**W64 Dictatorship**

PALMIERI (Marie). Philosophy of fascism.

W64 G62

**W7 Utopia**

CROSSMAN (R. H. S.). Plato today.

W7C57:9 G7



## X Economics

The following are the chief divisions under which the books in Economics are grouped:—

Xj to Xz	Preliminaries
Xz7	Lectures and essays
<b>X</b>	<b>Treatises</b>
X0V2	Indian economics
X:16	Standard of living
X:2	Production
<b>X:3</b>	<b>Distribution</b>
X:31	National income
X:32	Functional distribution
X:326	Capitalism
X:329	Wage-system
X:3M24	Socialism
X:3N20	Consumers' credit
X:4	Transport of commodities
<b>X:5</b>	<b>Commerce</b>
X:5:103	Commerce in the British Empire
X:5:1	World commerce
X:5:3	British commerce
X:5:73	United States commerce
X:51	Marketing
X:51b4	Marketing research
<b>X:53</b>	<b>Tariff</b>
X:54	Export and import
<b>X:57</b>	<b>Exchange</b>
<b>X:7</b>	<b>Value</b>



X:74	Business cycle
X:75	Economic planning
<b>X:8</b>	<b>Economic organisation</b>
X:81	Ownership
<b>X:9</b>	<b>Labour problems</b>
X:92	Labour market
X:94	Industrial hygiene
X:95	Service conditions
X:96	Trade unions
<b>X4</b>	<b>Transport economics</b>
X415	Railway economics
<b>X6</b>	<b>Money and banking</b>
X61	Currency
X6131	Gold currency
X62	Banking
<b>X7</b>	<b>Public finance</b>
X71	Budget
X72	Taxation
X75	Public debt
X796	Municipal and local finance
X895	Marine insurance
<b>X9</b>	<b>Industrial economics</b>
X9D	Engineering industries
X9D66	Electrical industries
X9J	Agricultural economics
X9J:51	Agricultural marketing
X9J:6	Agricultural finance
X9J:8	Agricultural organisation
X9J37	Economics of fruit-business
X9J771	Economics of cotton
<b>X9M7</b>	<b>Textile industry</b>

ECONOMICS

XwM58

X9MK31	Dairy industry
X9MK33	Meat industry
X9KM332	Fishing industry
X9MK35	Poultry industry
<b>XM25</b>	<b>Co-operation</b>
XM25::2	Co-operation in India
XM25::3	Co-operation in Great Britain
XM25::571	Co-operation in Sweden
XM259J	Agricultural co-operation
<b>XN12</b>	<b>Public utilities</b>

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**Xj to Xz Preliminaries**

- URWICK (Edward Johns). *Ded.* Essays in political economy, . . . , ed. by H. A. Innis, etc.  
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- INDIAN trade. V. 4— 1936|37—  
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NATESAN'S commercial). X m2:N34
- LLOYDS bank limited monthly review. New Series.  
V. 5—6; 8. 1934—1935; 1936.  
X m3:N30
- INTERNATIONAL CHAMBER OF COMMERCE. WORLD BUSINESS INFORMATION CENTRE. *Economic evolution: facts and figures.*  
X sN3 G7
- ROLL (Eric). *History of economic thought.*  
X v1:N3 G9
- BEER (M.). *Early British economics from the XIIIth to the middle of the XVIIIth century.*  
X v3:L5 G8
- HOBSON (J. A.). *Confessions of an economic heretic.*  
X wM58 G8

- IN memoriam on Nowroji Saklatvala. XwM751 G8  
 KEYNES (John Maynard). Essays in biography. XwN0 G3  
 STEINER (Rudolf). World-economy: the formation of a  
 science of world economics, etc. Xxm61 G7  
 WOOTTON (Barbara). Lament for economics. Xy1 G8

### Xz7 Lectures and Essays

- DOBB (Maurice). Political economy and capitalism :  
 essays in economic tradition. Xz7 G71  
 HOUSSER (Fred B.). Views and reviews of finance and  
 economics, ed. by E. Burnham Wyllie. Xz7 G72  
 PLANT (Arnold). *Ed.* Some modern business problems:  
 a series of studies, etc. Xz7 G73  
 LOVEDAY (A.), *etc.* World's economic future. Xz7 G78  
 COLE (G. D. H.). Persons and periods: studies. Xz7 G81

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- CARVER (Thomas Nixon), *etc.* Elementary economics. X F94  
 ELY (Richard T.), *etc.* Outlines of economics. X G612  
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 FRAIN (H. Larue). An introd. to economics, ed. by  
 Edgar S. Furniss. X G75  
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 the world's natural resources and industries. X G76  
 SHARIF (M. M.). A critique of economics. X G77  
 ROLL (Eric). Elements of economic theory. X G78  
 WATSON (J.). The groundwork of economic theory. X G79

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- McISAAC (Archibald Macdonald), *etc.* Introd. to economic analysis. X G711
- GEARY (Herbert V.). Your money and your life: an economic introd. to every day affairs. X G8

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- GOVINDACHARY (Atmakuri). Bharatadesamu arthika-charitra: Indian economics. 2 V.  
XOV2 35G5.1—G5.2

### X:16 Standard of Living

- LEAGUE OF NATIONS. ECONOMIC COMMITTEE. Preliminary investigation into measures of a national or international character for raising the standard of living: memorandum ... by N. F. Hall.  
X:16 G8

### X:2 Production

- SHEWHART (W. A.). Economic control of quality of manufactured product. X:280B28 G1
- PEARSON (E. S.). The application of statistical methods to industrial standardisation and quality control. X:280B28 G5

### X:3 Distribution

#### X:31 National Income

- LEAGUE OF NATIONS. COMMITTEE ON STATISTICAL EXPERTS. Statistics relating to capital formation: a note on methods. X:31s G8
- NATIONAL BUREAU OF ECONOMIC RESEARCH. *United States*. CONFERENCE ON RESEARCH IN NATIONAL INCOME AND WEALTH. Studies in income and wealth. V. 1. X:31 G7.1

X:31:571:N3

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## X:32 Functional Distribution

NATIONAL economic recovery: an outline plan.

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## X:326 Capitalism

ALLEN (Frederick). Can capitalism last? X:326 G8

PIROU (Gaetan). La crise du capitalisme.

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RALPH (J. A. A.). The wage-system and some of its critics.

X:329 [G0]

BOWLEY (A. L.). Wages and income in the United Kingdom, since 1860.

X:329:3:N3 G7

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PHILIP (Andre). Henri de Man et la crise doctrinale du socialisme.

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MEADE (J. E.). Consumers' credits and unemployment.  
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**X:4 Transport of Commodities**

TENNESSEE VALLEY AUTHORITY. TRANSPORTATION ECONOMICS DIVISION. Interterritorial freight rate problem of the United States, etc. X:446:73:N3 G7

HARING (H. A.). Warehousing: trade customs and practices, financial and legal aspects.  
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——— INTERSTATE COMMERCE COMMISSION. Exercises commemorating the fifty year's service, etc.  
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SYRETT (W. W.). Practice and finance of foreign trade.  
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KILLOUGH (Hugh B.). International trade.  
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**X:5:3 British Commerce**

PARKINSON (C. Northcote). Trade in the eastern seas, 1793—1813. X:5:3:M1 G7

**X:5:73 United States Commerce**

UNITED STATES. TARIFF COMMISSION. Reciprocal trade: a current bibliography. X:5:73a G7

**X:51 Marketing**

**X:51b4 Marketing Research**

PHELPS (D. M.). Marketing research: its function, scope, and method. X:51b4 G7

AMERICAN MARKETING ASSOCIATION. COMMITTEE ON MARKETING RESEARCH TECHNIQUE. The technique of marketing research, etc. X:51b4 G71

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WHITEHEAD (Harold). Administration of marketing and selling. X:51 G7

AGNEW (Hugh E.), *etc.* Outlines of marketing. X:510V73 G6

NEWTON (Cornelius R.). Practical and legal aspects of consignment marketing. 2 V. X:515 G5.1—G5.2

BECKMAN (Theodore N.), *etc.* Wholesaling: principles and practice. X52 G7

**X:53 Tariff**

UNITED STATES TARIFF COMMISSION. The tariff: a bibliography, a select list of references. X:53a G4

LIEPMANN (H.). Tariff levels and the economic unity of Europe: an examination of tariff policy, export movements and the economic integration of Europe, 1913; 1931 . . . , tr. . . . by H. Stenning. X:53:5:N3 G8

**X:54 Export and Import**

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Portuguese possessions in India. 1926|1934—  
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- FULTON (James A.). Our economic nationalism: its  
purpose and importance, etc. X:545:73:N3 G6

**X:57 Exchange**

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mitted by a committee composed of members of the  
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## Y Social Sciences

The following are the chief divisions under which the books in Social Sciences are grouped:—

Y	Social sciences (general)
Y1	<b>Sociology</b>
Y1:1	Civilisation
Y1:1:5	Cultural contact
Y1:1:6	Cultural evolution
Y1:4	<b>Social pathology</b>
Y1:433	Unemployment
Y1:5	Population problem
Y1:795	Acclimitasation
Y111	Child sociology
Y112	Adolescent sociology
Y115:44	Social evil
Y131	Rural sociology
Y14	Occupational sociology
Y15	Social groups formed by birth and status
Y17	<b>Anthropology</b>
Y17:1	Racial culture
Y17:1:6	Evolution of racial culture
Y171	Prehistoric races
Y172	<b>Primitive races</b>
Y172:1:18	Descriptive account of primi- tive culture
Y172:1:6	Evolution of primitive cul- ture
Y172:3	Primitive social activities
Y173P1	Aryan race
Y173P25	The Jews
Y174	The Chinese
Y1742	The Japanese
Y174441	The Kashmiris



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