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Directorate of Distance Education

Bachelor of Library & Information Science

I - Semester

109 14

INFORMATION PROCESSING - III: CLASSIFICATION PRACTICE

Author:

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Phone: 0120-4078900 • Fax: 0120-4078999

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• Website: www.vikaspublishing.com • Email: helpline@vikaspublishing.com

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SYLLABI-BOOK MAPPING TABLE

Information Processing - III: Classification Practice

Syllabi

Classification of Documents According to Abridged Dewey Decimal Classification (DDC) 19th Edition.
for Details refer Course Material.

INTRODUCTION

NOTES

In popular usage, the term information refers to facts and opinions provided and received during the course of daily life: one obtains information directly from other living beings, from mass media, from electronic data banks, and from all sorts of observable phenomena in the surrounding environment. A person using such facts and opinions generate more information, some of which is communicated to others during discourse, by instructions, in letters and documents, and through other media. In treating the basic elements of information processing, it distinguishes between information in analog and digital form, and it describes its acquisition, recording, organization, retrieval, display, and techniques of dissemination.

Information retrieval (IR) is the activity of obtaining information resources relevant to an information need from a collection of information resources. Searches can be based on metadata or on full-text (or other content-based) indexing. Automated information retrieval systems are used to reduce 'information overload'. Many universities and public libraries use IR systems to provide access to books, journals and other documents. Web search engines are the most visible IR applications.

Library classification systems form the backbone of the indexing and the overall retrieval process. Two of the major classification systems are: Colon Classification system and the Dewey Decimal Classification systems. The Colon Classification System was developed by S. Ranganathan and it analyses the subjects and divides them into five major categories Personality, Matter, Energy, Space and Time. The Dewey Decimal Classification system was developed by Melvil Dewey. It deals with the concept relative location and relative index. The main subject classes are represented through three digit Arabic numerals while the subdivisions are done through fractional decimals. There are ten main subjects each having its own ten hierarchical divisions as per the Dewey Decimal Classification system along with the three main summaries.

This book, *Information Processing-III Classification (Practice)*, deals with the practical aspects of the two classification systems: Colon Classification system and Dewey Decimal Classification system.

CLASSIFICATION PRACTICE

Welcome to the fascinating world of Library Classification! You have a fairly good idea of the theory of classification. Now to apply the same in the practical plane will be thrilling and interesting.

You are expected to write the **Class Number** for Books and other documents by using –

- (1) Colon Classification (CC) 6th Edition and
- (2) Dewey Decimal Classification (DDC) 19th Edition.

Let us first discuss classification by using CC.

Librarians are advised not to be misled by Titles of books. They are expected to see the contents before deciding on the Class Number. But in the examination you will be given only Titles of Books/ Documents for which you have to find out the Class Number.

Structure and Lay-out of CC Book

The book is divided into 3 parts:

- Part-1 : Rules 1.1 to 1.124 pp
 Part-2 : Schedules of Classification and Index 2.1 to 2.172 pp
 Part-3 : Classics and Sacred Books 3.1 to 3.126 pp

Part-1 relates to rules, definitions, explanations and examples.

Part-2 consists of schedules of classification and index.

Part-3 consists of classics in Ideology

Get a copy of the book and go through the three parts. Get yourself familiar with “what”, “where” and “how” the information is given in the book.

You know that Colon Classification has divided the various subject into Main classes and then into different facets and isolates. They are represented by Symbols called Notation. CC follows Mixed Notation. First of all study the Main Class in CC and their Symbols extracted below for you easy reference.

Main Classes

Z	Generalia	LX	Parmocognosy
1	Universe of Knowledge	M	Useful Arts
2	Library Science	Δ	Spiritual Experience and Mysticism
3	Book Science	MZ	Humanities and Social Sciences
4	Journalism	MZA	Humanities
A	Natural Science	N	Fine Arts
AZ	Mathematical Sciences	NX	Literature and Language

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B	Mathematics	O	Literature and Language
BZ	Physical Sciences	P	Linguistics
C	Physics	Q	Religion
D	Engineering	P	Linguistics
E	Chemistry	Q	Religion
F	Technology	R	Philosophy
G	Biology	S	Psychology
H	Geology	Σ	Social Sciences
HX	Mining	T	Education
I	Botany	U	Geography
J	Agriculture	W	Political Sciences
K	Zoology	Y	Sociology
KX	Animal Husbandry	YX	Social Work
L	Medicine	Z	Law

After studying the Main Classes and their Notation, go through the Schedule under each Main Class. The CC as you are well aware, is an Analytico-Synthetic Classification. Dr. SRR has enunciated the theory of **Five Fundamental Categories (FCs)** – Personality, Matter, Energy, Space and Time. The subject of any document can be analysed into one or more of these five FCs. The manifestations of [P], [M], [E], [S], or [T]. the classifier has to analyse the document and then synthesise them using the connecting symbols for each category in the order of P, M, E, S, T. The connecting symbol for

P is ,
M is ;
E is :
S is .
T is ’

By using this concise schedule, you can construct Class Number for various subjects. The Class Number of a book is the translation of the name of its specific subjects into the artificial language of ordinal numbers and symbols.

How to Construct the Class Number?

Eight Step Method:

Classifying document consists of the following steps:

Step	0	Raw Title	(Title as found in the document)
Step	1	Full Title	(Title expressing each of the relevant basic and isolate ideas in the subject)

Step	2	Kernel Title	(Full Title minus all the auxiliary words)
Step	3	Analysed Title	(Kernel Title with each Kernel term marked by a symbol, denoting the fundamental category)
Step	4	Transformed Title	(Analysed Title with the Kernel terms rearranged according to the symbols of analysis)
Step	5	Title in Standard Terms	(Transformed Title with the Kernel Terms replaced by their respective equivalence as given in the schedule)
Step	6	Title in Focal Numbers	(Title in Standard terms with the Kernel terms replaced by their equivalent numbers)
Step	7	Class Number	(Got by removing the symbols of analysis and inserting the appropriate connecting symbols between the facets numbers)

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Example 1:

Title: “An Introduction to the Classification of printed books in University Libraries in India in Nineteen Thirties”.

Step	0	Raw	An Introduction to the Classification of printed books in University Libraries in India in Nineteen Thirties
Step	1	Full Title	We have to include the basic subject. In Library Science, An introduction to the Classification of printed books in University Libraries in India in Nineteen Thirties.
Step	2	Kernel Title	Omit the auxiliary words) Library Science. Classification. Printed Books. University Library. India. Nineteen Thirties.
Step	3	Analysed Title	(Each term is associated with its fundamental category and labeled with abbreviations. Library Science [BS]. Classification [E]. Printed Books [M]. University Library [P]. India [S]. Nineteen Thirties.

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Step	4	Transformed Title	The terms to be rearranged as per the sequence PMEST. Library Science [BC] University Library (P) Printed Book [M] Classification [E] India [S] Nineteen Thirties [T]
Step	5	Title in Standard Terms	Terms replaced by the terms used in the scheduled. Library Science (BC) University Library (P) Printed Book (M) Classification (E) India (S) 1930's (T).
Step	6	Title in Focal Numbers	2 [BC]. 34 [P]. 14 [M]. 51 [E]. 44 [S]. N3 [T].
Step	7	Synthesised Title	234; 14: 51. 44 'N3

Example 2:**Cataloguing of Newspapers in Local Libraries in Tamil Nadu in 2000.**

Main Class =	Library Science = 2
Cataloguing	[E] 55
Newspapers	[M] 44
Local Libraries	[P] 2
Tamil Nadu	[S] 4411
2000	[T] P

Now connect the above numbers in [P] [M] [E] [S] [T] order using the appropriate connecting symbols.

22;44:55.4411'P

Example 3:**Documentation of Theses in Research Libraries in Tirunelveli upto 1956.**

Main Class =	Library Science = 2
Documentation	[E] 97
Theses	[M] 494
Research Libraries	[P] 36
Tirunelveli	[S] 44133
1956	[T] N56

Now connect the above numbers in [P] M] [E] [S] [T] order using the appropriate connecting symbols.

236;494:97.44133'N56

Example 4:

X-Ray treatment for Virus Diseases of the Lungs.

Main Class = Medicine = L
 Lungs [P] 45
 Virus Diseases [E] 423
 X-Ray Treatment [2E] 6253

Now connect the above numbers in [P] [M] [E] [S] [T] order using the appropriate connecting symbols.

L45:423:6253

Example 5:

Harvesting of Wheat in Punjab during 1990s.

Main Class = Agriculture = J
 Harvesting [E] 7
 Wheat [P] 382
 Punjab [S] 4436
 1990s [T] N9

Now connect the above numbers in [P] [M] [E] [S] [T] order using the appropriate connecting symbols.

J382:7.4436'N9

Example 6:

Discussion Method of Teaching Economics for Post-graduate Students in Tamil Nadu in 2000.

Main Class = Education = T
 Post-graduate [P] 45
 Discussion Method of Teaching Economics [E] 3(X), 98
 Tamil Nadu [S] 4411
 2000 [T] P

Now connect the above number in [P] [M] [E] [S] [T] order using the appropriate connecting symbols.

T45:3(X),98.4411'P

Example 7:

Teaching Technique in Secondary Schools in Andhra Pradesh upto 1995.

Main Class = Education = T
 Teaching Technique [E] 3
 Secondary Schools [P] 2

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Andhara Pradesh [S] 4416
1995 [T] N 95

Now connect the above numbers in [P [M [E] [S] [T] order using the appropriate connecting symbols.

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T2:3.4416'N95

Example 8:**Cataloguing of Printed Books in University Libraries in India in 2000.**

234; 14: 55. 44 'P

The Index and Its Importance in CC

The index to the schedules is a very important tool and will help you to classify quickly and effectively.

For example, if you refer the index under the term, Buddhism you will find Buddhism Q (P), 4. This means that Buddhism occurs in the Main Class Q and it belongs to the (P) Facet. The isolate number is 4. Now go to the Chapter Q in Part-2 locate the number-4 in the P Facet and confirm the number. Class number for Buddhims = Q4. Though the connecting symbol for P = , if the P is directly attached to the basic class, (comma) need not be written. Some more example are given below:

<i>Terms</i>	<i>Notation as per Index</i>	<i>Class Number</i>
Ability	S (E), 73	S : 73
Bio-Chemistry	E9G	E9G
Betting	MY93	MY93
Buffalo	KZ (P), 312	KZ312
Calculus	B32	B32
Diabetes	L293: 46	L293 : 46
Electrotherapy	L(E), 4(2E), 626	L: 4: 626
Thermotherapy	L(E), 4(2E), 624	L: 4: 624
Topographical Survey	U(P), 18	U18

TIME ISOLATE

For indicating the time in the [T] facet refer to the time isolates given

A	Before 9999 BC	K	1600 to 1699 AD
A1	Eozoic	L	1700 to 1799 AD
A2	Palaeozoic	M	1800 to 1899 AD
A3	Mesozoic	N	1900 to 1999 AD
A4	Cainozoic	P	2000 to 2099 AD

A5	Quarternary	Q	2100 to 2199 AD
B	9999 to 1000 BC	R	2200 to 2299 AD
C	999 to 1 BC	S	2300 to 2399 AD
D	1 to 999 AD	T	2400 to 2499 AD
E	1000 to 1099 AD	U	2500 to 2599 AD
F	1100 to 1199 AD	V	2600 to 2699 AD
G	1200 to 1299 AD	W	2700 to 2799 AD
H	1300 to 1399 AD	X	2800 to 2899 AD
I	1400 to 1499 AD	YA	2900 to 2999 AD
J	1500 to 1599 AD	YB	3000 to 3099 AD
		YC	3100 to 3199 AD

Classification Practice

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Isolate in [T2]: Featured Time

c	Day-time	n5	Autumn
d	Night	n7	Winter
c	Twilight	p	Meteorological period
n	Season	p1	Dry
n1	Spring	p5	Wet
n3	Summer	p8	Snow

SPACE ISOLATE

By using the nos. given here, you can fill-up the [S] Facet for continents, countries and districts. Also for ocean, rivers, deserts, mountains, population clusters like cities, villages etc.

There is a separate index to geographical isolates

Example:

1. Mathematics in Ancient India B.44
2. Libraries in Tamil Nadu 2.4411
(The isolate no. for Madras (before 1956) is 441. After 1956, 4411)
3. Style of fine Arts in Rajasthan upto 1699 N.4437'K99
4. Rail fall in Great Britain in 1956 U 2885.56'N59

LANGUAGE ISOLATE

There is a separate table listing the numbers for the various languages. These language nos. have to be used at appropriate places.

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LANGUAGE ISOLATE

1	Indo-European	16	Iranian
11	Teutonic	161	Avestic
11011	Gothic	162	Pahlavi
110153	Low Frisian	164	Persian
110154	Old Frisian	165	Afghan (Pushtu)
111	English	168	Urdu
112	Dutch	17	Armenian
113	German	18	Albanian
114	Swedish	191	Tocharish
115	Norwegian	192	Phyrgian
116	Danish	197	Hittite
117	Icelandic		
12	Latin	2	Semitic
121	Italian	21	Babylonian including Syrian
122	French	22	Assyrian
123	Spanish	24	Aramaic
124	Portuguese	25	Hebrew
128	Celtic	26	Phonician
1283	Welsh	28	Arabic
1285	Irish		
1287	Scotch, Gaelic		
13	Greek	3	Drevidian
14	Slavanic	31	Tamil

141	Lethic	32	Malayalam
142	Russian	33	Kanarese
143	Bulgrian	34	Tulu
144	Illyian	35	Telugu
1441	Slay	36	Kui
1442	Servian	38	Brahui
145	Polish	39	Toda, etc.
146	Bohemian		
15	Sanskrit	4	Other Asian languages
151	Prakrt		
1511	Pali	5	Other European languages
1512	Maharastri		
1516	Ardhamagadhi	6	Other African languages
1517	Magadhi		
1518	Apabhramsa	7	Other American languages
15198	Sinhalese		
152	Hindi	8	Other Australian languages
153	Panjabi		
154	Kashmiri	9	Other oceanic languages
155	Marthi		Divisions 4-9 to be divided by (GD) [Illustrative]
156	Gujarati	467	Sumerian
157	Bengali		
158	Assamese	99	Artificial languages
1591	Oriya		To be divided by (CD) [Illustrative]
1595	Nepalis	99M	Solresol

Classification Practice

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LANGUAGE DIVISIONS

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99M7	Lingualumina	99M87	Esperanto
99M8	Volapuk	99N	Interlingua 'Latino Sina flex'
99M84	Blaia Zimondal	99N1	Ido
99M86	Cabe Aban	99N2	Homi-idyomo

For example: English literature O111 (O is Literature, 111 is English)
 Hindi literature O152 (O is Literature, 152 is Hindi)
 Hindi language P152 (P=Linguistics 152=Hindi)

COMMON ISOLATES AND GENERALIA

Some important examples of common isolates and the rules for using them are given below:

Generalia Main Class:

Any publication that deals with several subjects and which cannot be classified in any single Main Class should be accommodated in the Generalia Main Class. Small 'z' is to be used for ordinary exposition of Generalia.

When the Publication is concerned with the generalia materials of a particular geographical area the digit 'z' should be further divided by Geographical Device.

Examples:

1. Indology = z44
 z = Generalia
 44 = India (taken from Space Division)
2. Chinology = z41

When the publication is confined to generalia materials on or by a specific person the digit 'z' should be divided by Alphabetical Device (AD).

Examples:

1. Keynesian = zK
 z = Generalia
 K = Keyens
2. Marxian = zM
3. Gandhiana = zG

For Subject Encyclopedias the Class Number is furnished as follows:

1. Encyclopedia of Economics Xk (X for Economics; k for Encyclopedia)
2. Encyclopedia of Photography M95k (M95 Photography; k Encyclopedia)
3. Encyclopedia of Librarianship 2k

For General Encyclopedias the Class Number is provided as follows:

Encyclopedia Britannica (Published in 1908) k56,N

N represents year of publication which is [P2] for generalia.

56 represents Great Britain which is [P] for generalia.

k is the common isolate for Encyclopedia

Science encyclopedia Ak

Chamber's Encyclopedia (1911) k561,N11

Bibliography of Mathematics Ba (a is the common isolate for Bibliography)

Bibliography of Shakespeare O111, 2J64a

General Atlas of India Uf44 (f common isolate for Atlas)

***Periodicals: m**

'm' stand for periodicals. The facet formula for periodicals is m[P],[P2] where [P] stands for the geographical isolate and [P2] stand for the time isolate (year of publication).

Examples:

Indian journal of physics (started in 1962 in India) - Cm44,N62

Herald of library science (started in 1962 in India) - 2m44,N62

Indian Journal of Agriculture (started in 1946) - Xm44,N46

Dictionaries are also denoted by 'k'. They are classified under Linguistics main Class, P.

English dictionary P111:4k

[Main Class P=Linguistics, 111=English (number taken from Language isolate): 4 is for meaning and k common isolate for Dictionary]

Russian dictionary P132:4k

Tamil Russian dictionary P31:4k132

(31 is Language number for Tamil and 132 is Language number for Russian)

Kalaimagal English Tamil Dictionary P111:4k31

(for bilingual dictionaries the number of both the languages are denoted).

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PHASE RELATION

CC discusses what is called phase relation. It recognizes three levels of relation, i.e. inter phase (relation between two different subjects), intra facet (relation between two facets in the same subject), intra array (relation between two arrays in the same subject).

Such a relation may be a) general b) bias c) comparison d) difference and e) influencing.

Intra-Array	Intra-Facet	Phase	Nature of Relation
t	j	a	General
u	k	b	Bias
v	m	c	Comparison
w	n	d	Difference
y	r	g	Influencing

INTER PHASE (2 different Main Classes)

General Relation:

Example: Relation between Philosophy and Economics. It is general type and two different subjects.

The class no. is R 0a X

The subjects are represented in the ordinal arrangement.

Bias Relation:

Psychology for doctors (i.e., medicine)	Class no	S	0b	L
Medical jurisprudence		L	0b	Z
Labour economics for social workers		X:9	0b	YZ

Comparison Relation:

Physics compared to Chemistry		C	0c	E
-------------------------------	--	---	----	---

Difference Relation:

Difference between History and Political Science	V	0d	W
--	---	----	---

Influence Relation:

Influence of Education on Society	Y	0g	T
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(The phase that is influenced must come first)

INTRAFACET

Example:

Intra-facet General Relation:

Study of Administration and Technical Treatment in Academic Libraries

23:50j:8

where, 2 is the Main Class = Library Science

3 Academic Libraries [P]

5 Technical Treatment [E]

8 Administration [E]

The connecting symbol for general intra facet relation is 0j.

Bias Intra-facet Relation:

Heat for Nuclear Engineers = D64 0k 7

Comparison Intra-facet Relation:

Jainism compared to Islam = Q2 0m 7

Difference Intra-facet Relation:

Difference between secondary education and university education

T2 0m 4

Main class education = T, secondary education = T2,

university education = T4. Therefore class no. is T2 0m 4

(No need to repeat T).

Influence Intra-facet Relation:

Influence of Hinduism on Buddhism = Q4 0r 2

INTRARRAY

Royalty compared to slum. Main class = sociology = Y. Royalty Y51, Slum = Y 57. Therefore class no. = Y51 0v 7 (no need to repeat Y and 5).

Further Examples:

1. Geo-Botany
I 0g H
2. Difference between Rural Folk and City Folk Y31 0w 5
3. Science and History A 0a V
4. Physics for Mathematicians C 0b B
5. Educational Psychology T 0b S
6. Statistics for Economists B28 0b X
7. Difference between Urban and Mountain Folk Y33 0w 396

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SYSTEMS AND SPECIALS

Dr. SRR in his schedule under physics C, Medicine L, and Economics X, uses the term Specials and Systems. For example, under C Physics, he assigns the symbol

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C9A Specials.

C9B3 Nucleus,

C9D1 Low Temperature, etc.

By using chronological device, he lists out systems:

Example: CK Gravitation theory

CM Kinetic theory

CM6 Ether theory

CM65 Electromagnetic Theory

CM9 Electron theory

CM96 Radio activity

CN Relativity

CNL Quantum Mechanics

CN2 Wave Mechanics (Statistical Mechanics)

Under Medicine, he lists out under specials

L9A Specials

L9E Old age treatment

L9F Female medicine

L9C Child medicine etc.

Under systems

LB Ayurvedha,

LC Siddha

LD Unani

LL Homeopathy

For example: Treatment of child diseases L9C: 4 : 6

Treatment of old age diseases L9E: 4 : 6

Homeopathic treatment LL: 4 : 6

Instead of Main Class L the special number and system number are used.

If both System and Special appear in a title, System should come first and Specials to follow with(.). For example,

Ayurvedhic treatment for diabetes in old age

LB, 9E, 293 : 46 : 6

LB	Ayurvedhic system
,	Connecting symbol between system and special
9E	Old age medicine
293:46	Diabetics
:6	Treatment [2E] cum [3P]

The system facet has been enumerated at the end of the schedules of Main Classes: Physics, Agriculture, Medicine, Psychology, Education, History and Economics.

Further Example:

Biochemistry	E9G
Embryo Biology	G9B
Soilless framing	J9B
Montessori School System	TN1
Essence of Cooperative	XM
Basic Schools	TN3
Homeopathy	LL

MAIN CLASSES

Ranganathan explains the facet formula for each main class and then gives a number examples of Class Nos. for the Main Class. We will have a brief outline of the various Main Classes given in CC Part-II.

MAIN CLASSES

LIBRARY SCIENCE – 2

2 [P] : [M] : [E] : [28]

Note :

Different types of libraries are in the [P]

Examples

National Library	- 2 [P] 13
	= 213
Research Library	-2 [P] 36
	= 236
Libraries in Newspaper	- 2 [P] 44
Offices	= 244

For [M] refer to [P] of Feneralia Bibliography

Circulation of Newspapers – 2 :45 :6

[E] 6 M[45] main Class Library Science – 2

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Example

Colon classification	2 : 51 N 3
Decimal classification	2 : 51 M
Library of Congress	2 : 51 N
UDC	2 : 51 M96
Book selection in University Libraries	234 : 81
Maintenance work in Libraries for Blind	268 : 88

B – MATHEMATICS

Canonical Divisions:

B1	Arithmetic
B2	Algebra
B3	Analysis
B4	Other methods
B5	Trigonometry
B6	Geometry
B7	Mechanics
B8	Physics – Mathematics
B9	Astronomy

Different facet formulae for the canonical Divisions are specified by DR. S.R.R.

Facet formula for B13, B15, B16 are

$$[P], [P2] : [E] [2P]$$

Examples

Highly Composite Number	B1321
Multiplicative Function	B13,9N
Diophantine Equation Theory	B13,3

Facet formula for B23 is

$$B 23 [P] : [E]$$

Example:

Simple Algebraic Equation	B231
Numerical Solution of Cubic Algebraic Equation	B233:1

Facet formula for B25 is

$$B25 [P], [P2] : [E] [2P]$$

Example:

Binary Higher Algebra	B252
-----------------------	------

Cubic Higher Algebra B25,3
Special Transformation B25:8

Classification Practice

Facet formula for B33 is

$$B33 [P], [P2] : [E] [2P]$$

Example:

Ordinary Differential and Integral Equation B331
Cubic Total Differential Equation B333,3
Third Order Cubic Total Differential Equation B333, 3, 3

Facet formula for B6 (Geometry) is

$$B6 [P] : [E] [2P]$$

Example:

Practical Elliptic Geometry B6M3:4
B = Mathematics (M.C)
B6 = Mathematics (M.C), Geometry (C.C)
B6M3 = Mathematics (M.C), Geometry (C.C), Elliptic (System)
B6M3:4 = Mathematics (M.C), Geometry (C.C), Elliptic (System)
 Practical [E].

Further Examples:

Simultaneous Equations B 235
Text Book of Statistics B 28
Differential Geometry B : 3
Gas Dynamics B 78 : 3

C – PHYSICS

Canonical Divisions:

- C1 Fundamentals
- C2 Properties of Matter
- C3 Sound
- C4 Heat
- C5 Light Radiation
- C6 Electricity
- C7 Magnetism
- C8 Cosmic Hypothesis

Except C1 and C8 all other Canonical Divisions have separate facet Formulae:

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Examples

Text Book of light	C 51
High pressure physics	C 9 B 78
Relativity Theory	C N, 51 : 8
Refraction of Ultrasound Waves	C35: 23
Compressibility of Liquid	C25 : 33
X-ray Spectra	C53 : 3
Band Spectra according to Wave Mechanics	CN2, 5 : 33

D – ENGINEERING

Facet formula = D[P], [P2]: [E] [2P]

Foci	in [P]	=	Work
[P] 2	=	Part (for all but D6)	Field of application for D6
[E] [2P]	=	Problem	

- D1 Civil Engineering
- D2 Irrigation and Drainage Work
- D3 Building
- D4 Transport – Track
- D5 Transport – Vehicle
- D6 Mechanical Engineering
- D7 Nuclear Engineering
- D8 Municipal Sanitary Engineering

There are different sets of special isolates for different isolates in the first facet.

Examples

Narrow Gauge railway curves	D 41531 , 5
Computer Engineering (or) Computer Telegraphy	D 65, 8(B)
Specification for the brake of Railway Carriage	D 665, 47
Biology of Water Supply	D5153, 8 : 5
Hydraulics Theory	D 85 : (G)
Strength of Materials	D : 15
Construction of Brick Buildings	D : 32
Television	D 33 : 7
	D65, 45

Electronic Computer	D65, 8(B)
Transmission of Electricity	D66, 2
Design of Electric Lift	D66, 71
Construction of Overhead Transmission Wires	D66, 21

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E – CHEMISTRY

Facet Formula is E[P] : [E] [2P]

[P] – Substance

[E] [2P] – Problem

E1 to E4	Inorganic Substances
E5	Organic Chemistry
E6	Chemistry of Acids
E7	Aromatic Compounds
E92 Z2	Chemistry of Proteins

Examples

Water	E 210
Sulphuric Acid	E 3616
Physical Chemistry	E : 2
Qualitative Organic Analysis	E 5 : 33
Composition of Water	E210 : 3
Analysis of Alloy	E194 : 3
Bio-chemical Analysis of Alkaloids	E95, 92 : 3
Volumetric Inorganic Analysis	E1:34,C3
Synthesis of Sulphuric Acid	E3616:4

F – TECHNOLOGY

Facet Formula – F [P] : [E] [2P]

Scope is restricted to chemical technology and Industrial chemistry

Foci in [P] are same as for 'E' chemistry

Foci in [E] depend on the substance

Examples

Industrial Electrochemistry	F : 6
Catalysis in Industry	F : 8
Industrial Microbiology	F : [G91]
Electro Metallurgy	F 191 : 6

Encyclopedia of Technology F k
 Textile Technology F 57

G – BIOLOGY

NOTES

Facet Formula G [P] : [E] [2P]

[P] Organ and special grouping

[E] [2P] problem

Eg: Life: Evolutionary Play G1 : 66

In the organ facet only organ nos. 1, 91 and 95 are enumerated. Other Divisions same as that of MC 'L Medicine' and 'I Botany'

Examples

Circulatory system in living organism G3

Main Class G – Biology

Circulatory System '3' taken from MC – Medicine which is common to Biology: G3

Mathematical Bio-physics G : (C) : (B)

Microscopical Anatomy G11: 2

H – GEOLOGY

H1 Mineralogy, H2 Petrology, H6 Palaeontology
 H7 Economic Geology, H8 Cosmic Hypothesis

Examples

Genesis of Diamond H191:16
 Volcanos France H4115.53
 Earthquakes of Japan H4132.42
 Mineral Resources of Burma H7.438
 Platinum Ores of South Africa H71879.63
 Mathematical Crystallography H1:82:(B)

HZ – MINING

Facet Formula [P] Substance
 [P2] Work
 [E] [2P] Problem

I – BOTANY

Facet Formula [P] Natural Group
 [P2] Organ
 [E] [2P] Problem

Examples	
Physiology of Leaves	15,15:3
Morphology of Flowers	15,16:2
Japanese Algae	I 22:12.42

NOTES**J – AGRICULTURE**

Facet Formula J [P]: [E] [2P] : 2[E]

Foci in [P]	=	plant
[E] [2P]	=	problem
[2E]	=	operation

Examples

Pineapple	J 3752
Rice	J 381

Special brands of rice, for eg. Basmati rice are individualized by Alphabetical Device.

i.e. Basmati Rice = J 381 B

Prevention of Bacterial Disease of Apple plants.

Examples

Main class	J (Agriculture)
Apple plants	J 371
Disease in Apple Plants	J : 4 (Taken from L-Medicine)
Bacterial Disease in Apple Plant	J 371 : 424
Prevention of Bacterial Disease in Apple Plants	J 371 : 424 : 5
Harvesting of Apple Fruits	J 371 : 77
Treatment of virus Disease of Paddy	J 381: 423 : 6
Cold Storage of Orange Fruits	J 372 : 7 : 84

K – ZOOLOGY

K2 – Animal Husbandry

L – MEDICINE

Facet Formula L [P] : [E] [2P] : [2E] [3P]

[P]	=	Organ
[E]	=	problem
[2P]	=	Cause for 4 Disease of E
[2E] [3P]	=	Handling of E

Note : Specials and systems in L Medicine.

Examples

NOTES

Human Eye	L 185
Digestive System of Human Body	L 2
Diseases	L : 4
Treatment	L : 4 : 6
Appenditis Operation	L 27219 : 415 : 7
Physiology of Eyes	L 185 : 3
Public Health	L : 5
System Example:	
Ayurvedic Cure	LB : 4 : 6
Diagnosis of Disease	L : 4 : 3
Obstetrics	L9F : 3

System & Special

Gynecology according to Siddha System LC, 9F : 4

If both system No. and Special No. occurs in a title. System number should come first followed by ‘,’ and the special number.

LC – Siddha system L9F is female Medicine (Gynecology). Therefore the above class No, is LC, 9F:4

LZ – PHARMACOGNOSY

Facet Formula LZ 3[P] : [E] [2P]

Spiritual experience and mysticism Δ

Facet formula [P], [P2] : [E] [2P]

M – USEFUL ARTS

The main class M useful Arts is a miscellaneous class. It should accommodate not only all the arts and crafts, but in fact all the applications of sciences, not provided for in the other main Classes.

Dr. Ranganathan gives freedom to the classifier to construct facet for each of the division of Main class M. He gives illustrations, the schedules for M7 Textiles and MJ7 Rope-making as under.

Examples

Cotton spinning	M 71 : 2
Jute carding	MJ 75 : 13

Silk Weaving	M 73 : 7
Photography	M95
Packaging	M98
Home Science	MA
Leather Industry in Kanpur	M97 : 445236

Classification Practice

NOTES

N – FINE ARTS

The Main Class 'N' Fine Arts admits of being divided by style. Style is individualized by the country and the century of its origin. It shows that style is a joint manifestation of personality in two levels. Accordingly the following table may be applied to any canonical class of the [MC] N.

[P] - Region

[P2] - Epoch

[P], [P2] - Style

Examples

History of Indian Architecture	NA, 44v
Indian Temples	NA 44, 9(Q)
Art and Architecture of Egypt	NA 677
Indian Distemper Fresco Painting of Landscape	NQ 44, 3:3:6
Notation in Indian Music	NR 44, 18
Sky in Different colours in ivory of India	NQ 44, 28 : 8 : 9
Buddhist Sculpture	ND 44, C

O – LITERATURE

Facet Formula O[P], [P2], [P3], [P4]

[P1] - Language of the work

[P2] - Form

[P3] - Author

[P4] - Work

Examples

English Literature	O 111
Hindi literature	O 152
Hindi literature	O 152, 1
Hindi poetry	O152, 2
Hindi Drama	O152, 2

NOTES

English fiction	O111, 3
Love in English Poetry	O111, 1: g(S: 55)
Tamil Drama	O31,2
Sanskrit Literature	O15
Criticism of Hindi Essays	O152,6:g
Criticism of Shakespeare	O111,2J64:g
Essays of Subramania Bharathi (born 1882)	O 31,6M82x (x means Collection)
Collections of Dr. M. Karunanidhi's Poems (born 1924)	O31,1N24x
Thirukkural	O31,1C5

The class number for Shakespeare is constructed as follows:

Shakespeare is an English Dramatist. Therefore MC = O English Drama
O111,2

The name of the author is [P3] identified by year of Birth i.e. 1564. Therefore
O111,2J64 (J64 is 1564 from Chorological Tables)

The number for Hamlet, a drama by Shakespeare is O111, 2J64, H. Suppose
if the work number is given instead of H, it is written.

Life of Tulasidas O152, 1J34w (Tulasidas was a Sanskrit Poet born in 1534)

P – LINGUISTICS

Facet Formula is P [P], [P2] [P3] : [E] [2P]

Foci in [P] - Language

[P2] - Variant, Stage

[P3] - Element

[E] [2P] - Problem

Examples

Bengali Language	P 157
Hindi Dialect Spoken in South India	P 152, 9D442
Modern English Dialect	P 111, J, 9D
Hindi Dictionary	P 152: 4k
Modern English Pronouncing Dictionary	P 111, J3: 1k
Hindi English Dictionary	P 152: 4k 111

Q – RELIGION

Classification Practice

Facet Formula is Q [P] : [E] [2P]

Foci in [P] - Religion

[E] cum [2P] - Problem

Exmaples

Hinduism (Vedic)	Q1
Hinduism (Post-Vedic)	Q2
Christianity	Q6
Muhammadanism (Islam)	Q7
Preaching of Buddha	Q 4:51
Post-Vedic Upanishads	Q 2:24
Muslim Tradition	Q 7:26
Buddha	Q 4:33
Christian Workship	Q 6: 445
Rebirth according to Jainism	Q 3: 336

NOTES

R – PHILOSOPHY

Prof. Ranganathna divides the main class 'R' along Canonical lines.

- R1 Logic
- R2 Epistemology
- R3 Metaphysics
- R4 Ethics
- R5 Aesthetics
- R6 Favoured Systems (Indian Philosophy)
- R7 Favoured System (II)
- R8 Other Systems

The canonical classes like 'R3', 'R4' and 'R6' admit of classification on the basis of definite and appropriate characteristics, and they have different facet formulae.

Examples

Philosophy or Religion	R 3, (Q)
Pluralism	R 355
Christain Ethics	R 4, (Q6)
Hindu Ethics	R : (Q1)
Symbolic Logic	R14

S – PSYCHOLOGY

NOTES

Facet Formula S [P] : [E] [2P]

Foci in [P] - Entity

[E] [2P] - Problem

Examples

1) Theories of personality S:7

Here [MC] is Psychology. Personality falls under [E] cum [2P]

Psychology [MC] S

Personality [E] cum [2P] 7

Therefore S : 7

2) Clinical – Psychology of aging S38:86

Here [MC] is Psychology. Clinical Psychology comes under [E] cum [2P].

Aging is Foci in [P].

[MC]	[P]	[E] cum [2P]
Psychology	Old Age	Clinical psychology
S	38	86

3) Anger of children - Class Number S15 : 524

S - Psychology (M.C)

S15 - Psychology (M.C), Children [P]

S15 : 524 - Psychology (M.C), Children [P], Anger [E]

4) Psycho-analysis of joy of Women : Class No. SM9, 55 : 523

S - psychology (M.C)

SM9, 55 - psychology (M.C), psychoanalytic (system by (C.D)

SM9, 55: 523 - psychology (M.C), psychoanalytic (system by (C.D), Female [P], Joy [E]

5) Fear of Women : Class Number S55 : 526

S - psychology (M.C)

S55 - psychology (M.C), Female [P]

S55 : 526 - psychology (M.C), Female [P], Fear [E]

T – EDUCATION

Facet Formula is T[P] : [E] [2P], [2PZ]

Foci in [P] - Educand

[E] - Problem

[2P] - Subject or method

[2P2] - Method

Examples

1) Story Method of Teaching Pre-school Children: Class number T13 : 393

T - Education (M.C)

T13 - Education (M.C), pre-school child [P]

T13 : 3 - Education (M.C), pre-school child [P], Teaching
Technique [E]

T13 : 339 - Education (M.C), pre-school child [P], Teaching Technique
[E], Story Method [2P]

2) Discussion Method of Teaching Economics to Post-Graduate Students : class
number T45 : 3(X), 98

T - Education (M.C)

T45 - Education (M.C), post-graduate [P]

T45 : 3 - Education (M.C), post-graduate [P], Teaching Technique [E]

T45 : 3(X) - Education (M.C), post-graduate [P], Teaching Technique
[E], Economics [2P], (Subject Facet got by Subject Device)

T45 : 3(X), 98 - Education (M.C), post-graduate [P], Teaching Technique
[E], Economics [2P] Discussion method [2P2]

3) Methods of teaching algebra in Basic elementary school: Class Number TN3,
15 : 3(B2)

T - Education (M.C)

TN3 - Education (M.C), Basic (system by C.D)

TN13 : 15 - Education (M.C), Basic (system by C.D), elementary [P]

TN3 : 15 : 3 - Education (M.C), Basic (system by C.D), elementary [P],
Teaching technique [E]

TN3 : 15 : 3 (B2) - Education (M.C), Basic (system by C.D), elementary
[P], Teaching technique [E], Algebra (S.D)

4) Audio – visual methods - T : 3, 1

5) Psychology of education - T : (S)

6) Basic schools in India in 1950 - TN 3, 44, N5

7) Secondary school teaching - T2: 3

NOTES

U – GEOGRAPHY

NOTES

Facet Formula U [P], [S] [T]

Foci in [P] includes mathematical geography, physical geography, bio-geography, anthro-geography and economic geography. The science of meteorology is also there.

Examples

- 1) Rainfall in Japan brought upto 1950's Class number U 2855.42 N5
 U - Geography (M.C)
 U2855 - Geography (M.C), Rainfall [P]
 U2855,42 - Geography (M.C), Rainfall [P], Japan [S]
 U2855,42,N5 - Geography (M.C), Rainfall [P], Japan [S], 1950 [T]
- 2) Rainfall in Punjab - U255, 4431
- 3) Weather forecasting in Bombay - U2891, 4431
- 4) Natural resources in India - U671, 2
- 5) Urban geography of India - U8: (Y33), 44
- 6) Rainfall in Malabar - U2855, 44153
- 7) Natural resources of India - U67, 44

V – HISTORY

Facet Formula V [P], [P2] :[E] [2P] [T]

Foci in [P] - Community

[P2] - Part

[E] [2P] - Problem

Foci in [P] is to be got by Geographical Device (GD). Geographical Device (GD) is used in CC quite often.

Examples

- 1) India's Geographical Relations with Great Britain from 1960 onwards : Class Number V44 : 1956, (U) N60-
 V - History (M,C)
 V44 - History (M,C) India [P]
 V44 : 19 - History (M,C), India [P], Foreign Policy (Host Class)
 V44 : 1956, (U) - History (M,C), India [P], Foreign Policy (Host Class), Great Britain [P], Geographical [P2] (got by subject device)
 V44 : 1956, (U) N60 - History (M,C), India [P], Foreign Policy (Host Class), Great Britain [P], Geographical [P2] 1960 onwards [T]

- 2) India's Defence Policy from 1947 onwards: Class number V44 :19 (zP) N47

V	History (M, C)
V44	History (M, C), India [P]
V44 : 19	History (M, C), India [P], Foreign Policy (Host Class)
V44 : 19 (zP)	History (M, C), India [P], Foreign Policy (Host Class), Defence [P] (taken from annexure page 28)
V44: 19 (zP) N47	History (M, C), India [P], Foreign Policy (Host Class), Defence [P] 1947 onwards [T]

- | | | | |
|----|---|---|----------------|
| 3) | History of the world | - | V1 |
| 4) | History of Asia | - | V4 |
| 5) | India Policy towards Britain | - | V2 : 1956 |
| 6) | Function of the USA President brought upto 1970's | | V73, 1 : 3 N7 |
| 7) | Panchayats and their structure in Karnal | | V23611, 64 : 2 |

NOTES**W – POLITICAL SCIENCE**

Facet Formula W [P], [P2] : [E] [2P]

Foci in [P]	- Types of State
[P2]	- part
[E] [2P]	- Problem

Foci in [P] is enumerated in the schedule and Foci in [P2] and [E] cum are same as that of Main Class V History.

- 1) Functions of Prime Minister in a Democratic country: Class Number W6, 21: 3

W	-	Political Science (M, C)
W6	-	Political Science (M, C), Democracy [P]
W6, 21	-	Political Science (M, C), Democracy [P], First Minister [P2] (taken from Main class V History)
W6, 21: 3	-	Political Science (M, C), Democracy [P], First Minister [P2] Functions [E] (taken from Main class V History)

- 2) Civic right and duties : Class Number W : 5

W	-	Political Science (M, C)	
W	-	Political Science (M, C), Rights and duties [E]	
3)	Geo – politics	-	W Og U
4)	Relation between political science & history	-	W Oa V
5)	Opposition parties in communist countries	-	W691, 45
6)	Functions of Head of a democratic state	-	W6, 1:3

X – ECONOMICS

Facet Formula X [P] : [E] [2P]

Foci in [P] - Business

NOTES

[E] [2P] - problem

Foci in the Business facet [P] and the problem facet [E] [2P] is enumerated in the schedule. If we look carefully we will notice that the isolate idea transport occurs both in the Business Facet [P] and Problem Facet [E] [2P]. The isolate number 4 Transport under foci in [P] should be used for books on the business or transport. On the other hand isolate number 4 Transport under foci in [E] [2P] should hold only books that deal with the process of the actual transport of specific commodities.

Examples

1) Value of paper Money : Class Number X61 , 4:7

X - Economics (M, C)

X61 - Economics (M, C), Money [P]

X61 : 4 - Economics (M, C), Money [P], Paper [M]

X61 : 4 ; 7 - Economics (M, C), Money [P], Paper [M], Value [E]

2) Rate of Interest in Savings Bank : Class No. X627 : 11

X - Economics (M, C)

X627 - Economics (M, C), Savings Bank [P]

X627 : 11 - Economics (M, C), Savings Bank [P] Rate of Interest [E](Special isolate enumerated separated at the end of the schedule of Main class 'X Economics')

3) Co-operative - XM

4) History of British economic upto 1970s - Xv56 N7

5) Gift tax in India - X7282.44

6) Small- scale - X9B

Y SOCIOLOGY

Facet Formula Y [P] : [E] [2P] : [2E] [3P]

Foci in [P] - Group

[E] - Problem

[2E] [3P] - Secondary Problem

Examples

1) Rural development: Class Number Y31: 7: 7

Y - Sociology (M, C)

Y31 - Sociology [MC] Rural [P]

- Y31 : 7 - Sociology [MC] Rural [P] Personality [E]
 Y31: 7: 7 - Sociology [MC] Rural [P] Personality [E] Improvement
 [2E] [3P]

Classification Practice

- 2) Poverty of working class - Y49 ; 434
- 3) Famine relief – work in Punjab - Y : 4353 :67.236
- 4) Prevention of accident among working class - Y49 : 437 : 5
- 5) Difference between sociology and political science - Yodw
- 6) History of civilizations - Y : 1v
- 7) Folklore of India - Y2: 52 : 5 (Y) 44
- 8) Tolerance in society - Y : 314

NOTES

Z – LAW

Facet Formula Z [P],[P2] , [P3] ,[P4]

Foci in [P1] - Community.

[P2] - Law I

[P3] - Law II

[P4] - Law III

Examples

1) French Law : Class No. Z53

Z -Law (M, C)

Z53 -Law (M, C), France [P] (got by Geographical Device)

2) Hindu Law : class No. Z9Q2)

Z - Law (M, C)

Z (Q2) - Law (M, C), Hindu [P] (got by Subject Device)

3) Indian Criminal procedure Code : Class No. Z44, 7, 15

Z - Law (M, C)

Z44 - Law (M, C), India [P] (got by Geographical Device)

Z44,7 - Law (M, C), India [P] cause of action [P2]

Z44, 7, 15 - Law (M, C) India [P] cause of action (P2), criminal (P3)

4) Administrative Law - Z, 9298

5) Gift according to Muslim Law - Z (Q7), 322

6) Relation between Tort & Crime - Z, 4 0j 5

7) Difference between immovable and movable property - Z445222, 83, 7,
 N75

EXERCISES

NOTES

Exercise I: MAIN CLASS + [P]

- | | |
|----------------------------|------------------------------|
| 1. City Library | 29. Flying Animal |
| 2. Library for the Blind | 30. Pet Dog |
| 3. Insurance Library | 31. Heart |
| 4. Textbook of Arithmetics | 32. Nervous System |
| 5. Astronomy | 33. Typewriting |
| 6. Trigonometry | 34. Book Selling |
| 7. Textbook of Heat | 35. Fishing |
| 8. Electrical Engineering | 36. Photography |
| 9. Ship Engineering | 37. Japanese architecture |
| 10. Inorganic Chemistry | 38. German Language |
| 11. Organic Chemistry | 39. Hinduism |
| 12. Fuel Technology | 40. Christianity |
| 13. Textile Technology | 41. Epistemology |
| 14. Cosmetics | 42. Social Psychology |
| 15. Cell | 43. Female Education |
| 16. Marine Biology | 44. Physical Geography |
| 17. Freshwater Biology | 45. Political Geography |
| 18. Economic Geology | 46. History of England |
| 19. Economic Geology | 47. History of United States |
| 20. Gymnosperms | 48. Communism |
| 21. Flori Culture | 49. Democracy |
| 22. Onion | 50. Income-tax |
| 23. Potato | 51. Lottery |
| 24. Rice | 52. Unemployment |
| 25. Cotton | 53. Rural Sociology |
| 26. Protozova | 54. Gypsy |
| 27. Mollusca | 55. Indian Law |
| 28. Aves (Birds) | |

ANSWERS

- | | |
|------------|------------|
| 1. 222 | 29. K9958 |
| 2. 268 | 30. KZ5541 |
| 3. 24(X81) | 31. L32 |

- | | |
|-----------|-----------|
| 4. B1 | 32. L7 |
| 5. B9 | 33. M148 |
| 6. B5 | 34. M17 |
| 7. C4 | 35. MY65 |
| 8. D66 | 36. M95 |
| 9. D525 | 37. NA42 |
| 10. E1 | 38. P113 |
| 11. E5 | 39. Q1 |
| 12. F55 | 40. Q6 |
| 13. F57 | 41. R2 |
| 14. F95 | 42. S8 |
| 15. G11 | 43. T55 |
| 16. G9555 | 44. U2 |
| 17. G9557 | 45. U5 |
| 18. H7 | 46. V561 |
| 19. I 23 | 47. V73 |
| 20. I 6 | 48. W691 |
| 21. J16 | 49. W6 |
| 22. J321 | 50. X724 |
| 23. J341 | 51. X628 |
| 24. J381 | 52. X8192 |
| 25. J781 | 53. Y31 |
| 26. K2 | 54. Y738 |
| 27. K7 | 55. Z44 |
| 28. K96 | |

NOTES

Exercise II : MAIN CLASS + [M]

1. Government Publications in Library Education
2. Bronze Sculpture
3. Painting on Ivory
4. Gold Currency
5. Violin Music

Answers:

1. 2;55
2. ND;5

Classification Practice

3. NQ;8
4. X61;1
5. NR;32

NOTES

Exercise III: MAIN CLASS + [P] + [E]

1. Book Selection in University Library
2. Function of District Library
3. Cataloguing: Theory and Practical
4. Documentation Service in Industrial Libraries
5. Cauchy Integral
6. Descriptive Geometry
7. Astro Physics
8. Fundamental Principles of Mechanics
9. Wave Mechanics
10. Calendar
11. Spherical Astronomy
12. Acoustics
13. Thermodynamics
14. Photo Electricity
15. Fusion of Nucleons
16. Surveying
17. Design in Mechanical Engineering
18. Land Survey
19. Specification Electrical Engineering
20. Analytical Chemistry
21. Analysis of Non-metals
22. Extraction of Sulphur
23. Micro Photography
24. Metabolism
25. Tissue Morphology
26. Ecology
27. Mine Fires
28. Parasitism in Plants
29. Diseases of Apples
30. Manuring of Wheat

31. Migration of Birds
32. Mimicry in Animals
33. Cow Feeding
34. Nursing Home
35. Diseases of Respiratory System
36. Personal Hygiene
37. Palmistry
38. Modern Tamil Syntax
39. Morphology of Old French
40. Festivals of Islam
41. Pilgrimage in Buddhism
42. Hymns in Vaishnavism
43. Hypnotism
44. Meta Physiology
45. Physical Education in University
46. Hostel Life
47. Indian Constitution
48. Archaeology of Madurai
49. Profit
50. Transport Management
51. Quality Control
52. Social Security
53. Culture and Civilisation

Answers:

- | | |
|-----------|-------------|
| 1. 234:81 | 28. I:564 |
| 2. 221:3 | 29. J31:4 |
| 3. 2:55 | 30. J382:2 |
| 4. 242:97 | 31. K96:58 |
| 5. B37:1M | 32. K:5637 |
| 6. B6:3 | 33. KZ331:1 |
| 7. B9:6 | 34. L:13 |
| 8. B7:1 | 35. L4:4 |
| 9. B7:55 | 36. L;57 |
| 10. B9:17 | 37. V:8627 |

NOTES

NOTES

- | | |
|-------------|---------------|
| 11. B9:5 | 38. P31,J:3 |
| 12. C3:7 | 39. P122,A:2 |
| 13. C4:7 | 40. Q7:457 |
| 14. C6:45 | 41. Q4:4198 |
| 15. C9B3:12 | 42. Q22:417 |
| 16. C9B3:12 | 43. S:851 |
| 17. D6:4 | 44. S;8 |
| 18. D41:22 | 45. T4:6 |
| 19. D66:5 | 46. T:72 |
| 20. E:33 | 47. V44:2 |
| 21. E195:3 | 48. V44134:71 |
| 22. E161:5 | 49. V44134:71 |
| 23. G:1995 | 50. X:8DR |
| 24. G:33 | 51. X:89Q8 |
| 25. G12:2 | 52. X:958 |
| 26. G:2 | 53. Y:1 |
| 27. HZ:2 | |

Exercise IV: DEVICES

Answers

- | | |
|---------------------------------|-------------------|
| 1. Cellulose Industry | X8(E6894) |
| 2. Lux Soap | F:9496L |
| 3. Love in Shakespeare's Dramas | O111,2J64:g(S:55) |
| 4. Muslim Family | Y2(Q7) |
| 5. Hindu Ethics | R4(Q2) |
| 6. Indian Empire | V1.44 |
| 7. Biography of Shakespeare | O111,2J64w |
| 8. Siddha System | LC |

Exercise V: ROUNDS AND LEVELS

Answers

- | | |
|---|-------------|
| 1. Maintenance of Television | D65,82 |
| 2. Treatment of Diseases | L:4:6 |
| 3. Drainage arrangement in Road Engineering | D28,411 |
| 4. Propelling arrangement in Air Vehicles | D53,7 |
| 5. Bacterial diseases of Apples | J371:424 |
| 6. Constitution of Local Bodies in India up to 1975 | V44,6:2'N75 |

7. Physiology of Seed of Flowering Plants I5,178:3
8. Indian Law of Succession Z44,336

Classification Practice

You are advised to follow the various examples given under Main Class + [P] + [M] + [E] + [S] + [T] and also Systems and specials, Generalia, Phase Relation etc.

NOTES

DEWEY DECIMAL CLASSIFICATION Ed.19

You are expected to classify Titles according to DC – 19th Ed. You know the Main features of DC. It is an enumerative scheme. Numbers are enumerated i.e. listed for all the subjects. That is why the schedules are bulky and in multi volumes.

No amount of material can substitute for the schedules. You were advised during PCP to visit nearby library and get an exposure to DDC 19th Ed. Unlike CC, DC enumerates the class Nos. for various titles. Summaries will help you to fix up the MC easily. Further, there may be questions in the examination from the three summaries also. First get yourself familiar with the:

First summary of 10 Main classes.

Second summary of 100 Divisions and

Third summary of 1000 sections,

Then enter into the schedule and study the further divisions.

Though DDC is enumerative, it has made certain provisions in the form of Auxiliary Tables (Seven Tables). The number in these Tables are not Independent. They can be attached to the schedule Nos. as per instructions at various places in the schedule.

There may be 2 approaches to practical classification

- 1) Direct approach through the schedules and
- 2) Indirect approach through the Index.

1) Direct approach:

If the title is simple one like **Text Book of Physics**, then it is easy to understand. But in the case of a title like **‘Everything about Silver’** you may not know whether it is Chemistry of Silver or Economic aspect of Silver and it is therefore essential that you always look at the contents of the book before classifying. But in the examinations you have to classify only on the basis of Title alone. Study the specific point of view and the form of presentation (whether a journal, dictionary or an encyclopedia etc.) and then you will decide the Main class.

Suppose the title is ‘Library classification’. It is under the MC Generalities 000. From here to second summary 020 Library and information Science and further to 025 library operation.

If you look into the schedule at 025 and proceed further, under 025.4 ‘subject analysis and control’ you will find library classification 025.42.

2) Indirect approach through INDEX

NOTES

It is easier and quicker to go through Index i.e. Vol.3. See the word ‘Classification’ as in a Dictionary. Against the sub-head ‘library Operation’ 025.42 is given. But don’t stop with this. You go to the schedule locate the No. and confirm it.

Another example.

‘Introduction to the Diseases of the Heart’. You can understand that it is connected with Medicine – go to 610 Medicine and on further perusal 616 takes you to diseases and under 616 look for heart diseases 616.12. Class No. is therefore 616.12

It is essential that you make a study of the ‘Relative Index’ and arrangement of entries in the Index. All aspects of a term are brought together in one place.

It will be useful to understand the following abbreviations used in the Index for the various Tables.

Table-1

1) Standard Sub-divisions	ss.
2) Areas	area
3) Sub-divisions for individual literature	lit. sub.
4) Sub-divisions for individual languages	lang. sub.
5) Racial, Ethnic, National group	r.e.n.
6) Languages	lang.
7) Persons	pers.

Terms used in the Tables 1-7 are also indexed. For e.g. if you see under the world ‘India’, you will see India area – 54 ancient area – 34 (it means for ancient India, the area notation is – 34)

Similarly, if you look under the term ‘Tamil’ you will see

Tamil language	494.811
Linguistics	494.811
Literature	894.811
s.a lang	94811
Tamil Nadu area	5482
People r.e.n.	948

In the above example, s.a. means ‘see also’, i.e. you are directed to language Table 6 where the No. is 94811.

The index is like a Dictionary. It helps you to find your way to the schedules. You must remember that it is not advisable to go by index alone. It would lead you to the schedules.

The Seven Tables of DC

Table 1 to 7 are listed in the previous page.

The numbers in the Tables are never used alone. They are to be used only along with the Nos. in the schedules. Hence they are called 'Auxiliary Tables'.

Table-1 : Standard Sub-divisions:

It is used with the schedule No. to show the external or physical form like Dictionaries, Encyclopedias, periodicals etc. It also helps to show the internal form of presentation, or view points like the philosophy or history of a subject.

Notes and instructions given under each must be carefully read before using them. notations given with in [] should not be used.

The main divisions in this table are

- 01 Philosophy & Theory
- 02 Miscellany
- 03 Dictionaries, encyclopedias
- 04 Special topics of general applicability
- 05
- 06
- 07
- 08 History and description of the subject among groups of persons
- 09 Historical treatment

Each one of the divisions are further sub-divided

- 011 Philosophy & theory
- 012 Classification
- 013 Value & so on

The ss Notations are used along with Nos. from the schedules. There may be two categories regarding the use of the schedules. There may be instructions under

- 1) The schedule Nos. under which instructions for use of as is given and
- 2) Classes where no instruction is give.

For e.g. with instruction

- 021 Philosophy of library relations
- 001 – 008 Standard sub divisions
- Notations from Table 1

NOTES

Therefore Philosophy of library relations is to be assigned the No. 021.001.

Without instructions

Philosophy of library classification

$$025.42 + 01 = 025.4201$$

NOTES

One ss should not be added to another ss.

For e.g. Patents for scale Models of library equipments.

Patents and scale Models come under ss. We have to use the ss which comes first in the above e.g. $022.9 + 0272 = 022.90272$

If there is a No. already enumerated in the schedule, you should not use ss. For e.g. Dictionary of Bible. In page 100 of schedules, 220.3 Encyclopedias and topical dictionaries of Bible.

Every ss begins with a Zero.

When adding the ss to a class no. we must ensure that the class no. is free to take ss with zero. Sometimes it may be listed to mean some other concept.

e.g. 027.01 as per schedule mean world libraries

027.001 represents Philosophy & Theory

Thus there may be two zeros or some times three zeros etc.

Theory and Philosophy of Public Administration $35 + 0001 = 350.0001$

If the ultimate class No. to which we are to add is ss in a MC ending with Zeroes or a division ending with one zero, delete the 2 zeroes in the first case and one zero in the second case.

e.g. Encyclopedia of Literature

Literature = 800. but when adding -03 from ss for Encyclopedia $8 + 03 = 803$

Journal of Economics

-05 330

$$33 + 05 = 330.5$$

Statistics for Librarians

$$519.5 + 024 + 092 = 519.5024092$$

(Table 1) (Table 7)

Examples: **Outlines of colon classification**

$$025.425 + 0202 = 025.4250202$$

Dewey Decimal Classification Tables

$$025.431 + 0212 = 025.4310212$$

Directory of Library Science in India

-023 020 -54

when adding $02 + 023 + 54 = 020.2354$

TABLE 2 AREAS

- No. 1 - and its sub-divisions stand for various zones, land and land formations like is islands, Mountains etc.,
- No. 2 - Persons regardless of area, region, place
- No. 3 - Ancient world
- No. 4-9 - Modern world

Use of Area Notation with Instructions

In several places of the schedule we find:

Add Areas Notation 1 – 9 from Table 2 to Base Number

Add Areas Notation 3 – 9 from Table to Base Number

Add Areas Notation 4 – 9 from Table to Base Number

e.g. For ‘Libraries in India’, we come across the No. 027 for general libraries and under that you will find 01 – 09 Geographical treatment. Here you will find instruction.

Add ‘Areas’ Notation 1-9 from Table 2 to the Base No. 027. One example is also given there ‘libraries in Western France’ 027.0446.

o libraries in India

$$27.0 + 54 = 027.54$$

Elementary School is in India

$$72.9 + 54 = 372.954$$

Higher Education in Tamilnadu

$$78 + 5482 = 378.5482$$

Use of Areas notation through – 09 ss:

In Table 1 Standard sub-division -09 of ss is a vert useful Bi, for treatment of a subject.

When there is no instruction to add Areas Notation for a subject, you may yourself add Areas Notation through the ss – 09 as shown below:

e.g. Women workers in Tamil Nadu

$$331.4 + 09 + 5482 = 331.4095482$$

Standard of living in Japan

$$339.47 + 09 + 52 = 339.470952$$

Base No. + Table 1 + table 2

Use of 2 Area Notation together

‘Adult Education in rural areas of Tamil Nadu’

Adult Education 374

NOTES

NOTES

Adult Education – Geographical treatment 374.9

Adult Education in rural area $374.9 + 1734 = 374.91734$

Adult Education in rural areas of Tamil Nadu

$374.9 + 1734 + 0 + 54 = 374.91734054$

An alternative to this is shown under -3 to -9

Use of two areas Notation under -3 -9

e.g. Democracy in India and Pakistan

Only one of them can be used.

321.80954 or 321.8095491

In some cases the concepts of Area is built in the Nos. of certain subjects.

History of India 951

General statistics for India 315.4

Examples

Higher Education in Germany $376 + 55 = 376.55$

Geography of Andhra Pradesh $91 + 5484 = 915.484$

Treaties between India and Srilanka

$341.0266 + 54 + 0 + 5491 = 341.02665405491$

Table 3 : Sub-division of individual literatures

This is to be used only for the subject Literature i.e. No.800.

Table 3

Table 3A

The subject literature can be analysed into

Languages Facet

Form Facet

Author Facet

Work Facet

as per CC. This is similar in DDC also. Study the lay out of **Class 800 in vol.2 of the DDC.**

Table 3 and 3A are applicable only to 810 – 890. Under each individual language there is a Period Table.

Pages 387 – 388 vol. 1 Procedures for finding numbers are given.

Pages 389 Standard sub-divisions of -01 to -07 and -08 & -09

From pages 390 specific forms -1 to -8 are treated

Eg: **‘Modern Tamil Poetry depicting Nationalism’**

Base Number = 894.811

Find the No. for literary form poetry from Table 3

Add this to Base No.

$$894.811 + 1 = 894.81117$$

Base No. Form No.

For 'Modern' refer to Period Table – 7.

In the form division in Table 3 under -11 -19 poetry for specific periods there is an instruction to add to the above Nos. the numbers following -10 in 1001 – 1009 and then from Table 3A

Modern Tamil Poetry depicting Nationalism

$$894.811 + 1 + 7 + 10 + 358 = 894.8111790358$$

Examples:

20th Century Literature

808.8004

Anthology of World Poetry

808.81

Collection of Telugu literature

894.82708

Hindi Tragedy : a Collection

891.43 08 016

Collection of Hindi Poetry displaying idealism

891.43 Hindi

Table 3 - 1 Poetry

 - 1008 collection

Table 3A - idealism

 Add to 10080 the notation 1-9 from Table 3A 891.43100813

19th century Hindi Poetry

891.43 Hindi

Table 3 – 1 Poetry

 -11 – 19 Poetry of specific periods

 Add to -1 the notation from the period

 Table for this specific literature

Process 891.43 Western Hindi literature *Hindi

To get Use period table under 891.4

Periods modern India literatures (Tertiary Prakrits)

NOTES

Period Table for Modern Hindi Literature.

5	1895 – 1920	Period
Base No.	Poetry Table 3	Vol. 2
891.43	-1	5

NOTES**Class No. 891.4315 = 19th Century Hindi Poetry****Table 4. Subdivisions of Individual Languages**

This is a very short table – so short that we can remember all the numbers, if you work with it frequently.

Main Class digit 4 and language number taken together from the Base numbers.

Base number for all the important languages are enumerated.

If required, instruction to use Table 6 is given.

There are just two steps involved in classifying a title involving the class 400 and the Table 4.

First step; Identify the base number.

English language	42
Italian language	45
Hindi language	491.13

Second step : Add number from Table 4 directly to the base number.

English grammar	42+5=425
Italian phonology	45+15=451.5
Hindi dialects	491.43+8=491.438

We may add notations from Table 6 to the following numbers in Table 4.

24	Etymology	Foreign elements
32 – 39	Bilingual Dictionaries	

Examples**Tamil Dictionary**

$$494.811 + 3 = 494.8113$$

Tamil Telugu Dictionary

$$494.827 + 3 + 94811 = 494.827 3 94811$$

We have to classify a bilingual dictionary with the languages less known to us followed by a 3, and then the notation for the other language better known to us.

Tamil English Dictionary

$$42 + 3 + 94811 = 423.94811$$

Table 5. Racial, Ethnic, National Groups.

This table enumerates notation for the specific racial, ethnic or national groups these notations may be added to other notations through the 'add notes'. Some of the selected places in the schedule where this table may be used is given below:

155.84
371.97
641.592
784.76
809.889
909.04

Examples**Psychology of Dravidians:**

$$155.84 + 948 = 155.84948$$

155.84 is the number for psychology of specific racial and ethnic group. Under this class Number, there is instruction to add to the base number 155.84 notations from Table 5.

Education of Tibetians**Psychology of Bengalis**

$$371.97 + 954 = 371.97954$$

$$155.84 + 9144 = 155.849144$$

Some of the divisions of this table may be added to the following notations in other tables:

$$-089 \text{ (Table 1)} -174 \text{ (Table 2)} -8 \text{ (Table 3A)}$$

Table 6. Languages

The table 6 notations may be used with those numbers from the schedules and other tables to which the classifier is instructed to add 'Languages' notation, e.g. translations of Bible (220.5) into Dutch (-3931 in this table) : 220.53931.

This general Encyclopedia to be arranged by the language in which they are originally written:

Examples:**Encyclopedia Britannica**

$$03 + 2 = 032$$

Tamil Encyclopedia

$$039 + 94811 = 039.94811$$

Table 7. Persons

These notations are never used alone, but may be used as required (either directly or through the interposition of 'Standard subdivisions' notation 088 from Table 1)

NOTES

or with any appropriate number from the schedules. Do not add from this table if the resultant concept is redundant, e.g. medicine by physicians.

NOTES

SUMMARY

- 01 Individual persons.
- 02 Groups of persons
- 03 Persons by facial, ethnic, national background
- 04 Persons by sex and kinship characteristics
- 05 Persons by age
- 06 Persons by social and economic characteristics
- 07 Persons by physical and mental characteristics
- 08 Generalists and novices.

Selected subjects in the schedules where this table is used is listed as follows:

028.53 174.9 390.4 704.04

Selected places in the other Tables where notations from table may be added are as follows:

- 240 (Table 1)
- 088 (Table 1)
- 1762 -1769 (Table 2)
- 9204 -9279 (Table 3A)
- 929 (Table 3A)

Examples

Bibliographies for Librarians

011.624 + 092 = 011.625092

Mathematics for Engineers

510 + 024 (From Table 1) + 62 =510.2462

Customs of Lawyers

390.4 + 344 = 390.4344

NUMBER BUILDING IN DDC

Now you have a fairly good idea of the index, schedule and the 7 auxiliary Tables. The 'Add Device' used throughout the schedule makes DDC almost facted.

There are 2 kinds of Add Device used:

- 1) Adding the whole No. from the schedule
- 2) Adding a part of the Nos. from the schedule

Adding the whole No. from the Schedule:

In many places of the schedule there are directions to add 001 – 999 to the Base Number. This means that any part of schedule can be added to the Base No. depending on the subject and relevance. The whole No. without omitting any digit is added.

For example : Law Libraries

$$26.340 = 026 + 340$$

If you look under the class No. 026 in the schedule you will find the instruction.

Add 001 – 999 to the base No. for libraries devolved to various subjects. Hence, library devoted to Law, you will add the No. for law which is 340.

$$026 + 340 = 020.34 \text{ (last zero omitted)}$$

Libraries Law

You can also see after 'Add Note' an example worked out for better understanding:

Medical Libraries 026.61

Libraries Medicine

Examples

Museums for archeology

$$069.9 + 930 = 069.99301$$

Science Journalism

$$070.449 + 500 = 070.4495$$

Salaries for Engineers

$$331.281 + 620 = 331.28162$$

Curriculum in Engineering

$$375 + 620 = 375.62$$

Job opportunities in librarianship

$$331.1241 + 020 = 331.124102$$

Agricultural Labour

$$331.38 + 630 = 331.3863$$

2) Examples where part of the class No. from a smaller area of the schedule is added

Follow the example for Buddhist Philosophy

We come across 181.0 the no. following 29 in 294-295 (Here it is 296 which stands for Judaism)

Hence 181.6 is the No. for Jewish Philosophy.

NOTES

Further examples:

Labour in Textile Industry

$331.38 + 77$ (from 677) 331.3877

Wages in Agricultural industry

$331204 + 3$ (from 630) 331.2043

Statistics of Death due to diabetes

$312.26 + 462$ (from 616.462) = 312.26462

Another variation of 'adding a part of the schedule' is to add from the same Division or section.

E.g. Harvesting of Rice

Class No. for rice is 633.18. You will notice that the term Rice is preceded by an asterisk symbol (see page 1042 of vol.2). There is a foot note at the bottom of the page which says 'Add as instructed under 633 – 635'. If you turn to 633 – 635 on previous page you will find further instruction as given below.

Add to the notation for each form identified by an asterisk as follows:

1-7 Cultivation and Harvesting

Add the numbers following 631.57 in 631.5 – 631.57 eg. Harvesting 5.

As per this instruction we have to add to our base number 633.5 (in the range 631.51 – 631.57) which stands for harvest. We find that 631.55 stands for harvesting. Now you have to add the number 5, which follows 631.5, to the base number 633.18 obtaining the following class number:

Harvesting Rice

$633.18 + 5$ (from 631.55) = 633.185

Soil preparations for Rice

$633.18 + 1$ (from 631.51) = 633.181

Paddy Breeding

$633.18 + 3$ (from 631.53.53) = 633.183

Compost Fertilizer for Rice

$633.18 + 89 + 75 = 633.188975$

Dicotyledon Genetics

$583 + 04 + 15$ (from 581.15) = 583.0415

Note that 04 is used here as a sort of 'facet indicator' for introducing numbers for general principles in Botany.

Anatomy of Dicotyledons

$583 + 04 + 4$ (from 581.4) = 583.044

It is interesting to note that we can add all the subdivisions of 581 to almost all the class Numbers from 592 to 599 through facet indicator either 0 or 04.

NOTES

DEWEY DECIMAL CLASSIFICATION

Classification Practice

Worked out Exercises – Subject wise

Title : Bibliography on astronomy

520 Astronomy
016 Subject Bibliography (From Table 1)
Class Number 520.16

Title : Bibliographies of museology

016 Subject Bibliographic
069 Museology
Class Number 016.069

Title : Classification of Social Sciences

025.46 Classification of specific disciplines and subjects
 Add 001-999 to base number 025.46
300 Social Sciences
Base number Add number
089 300
Class Number 025.463

Title : Tamil Encyclopaedia 10 vols.

030 General encyclopedic works
039 In other languages
 Add “Languages” notation 2.9 from Table 6 to
 base number 039
-94811 Tamil (Table 6)
Base No. Table 6
039 -94811
Class Number 039.94811

Title : Ethics of library and information science profession

174 Economic, professional, occupational ethics
.9 Other professions and occupations
 Add “Persons” notation 09-99 from Table 7 to
 base number 174.9

NOTES

.092 Persons occupied with library and information Science (Table 7)

Base No. Table 7

NOTES

174.9 -092

Class Number 174.9092

Title : Medical astrology

133.5 Astrology

133.58 Application to specific topics

61 Medical

Class Number 133.5861

Title : Psychology for gifted children

155.45 Exceptional children

Add to base number 155.45 number following 371.9 in 371.91-371.97

5 [371.9]5 Gifted students

Class Number 155.455

Title : Philosophy of Thailand

181.19 Southeast Asia

Add base number 181.19 the number following 59 in "Area" notation 591-599 from Table 2.

3 [59]3 Thailand

Class Number 181.193

Title : Psychology of color

155.911 Sensory influence

Add base number 155.911 the number following 152.1 in 152.14-152.18

45 [152.1]45 Color perception

Class Number 155.91145

Title : Bible in French language

220 Bible

.5 Modern versions and translations

.53.59 In other languages

Add "Languages" notation 3-9 from Table 6 to base number 220.5
 -41 French (Table 6)
 Base No. Table 6
 220.5 -41
 Class Number 220.541

Title : Attitude of Buddhism towards Crime

294.3 Buddhism
 294.33 Relationship and attitudes
 Add to base number 294.33 the numbers following 291.1 in 291.13-291.17
 291.17833 Crime
 Base No. Add number from following 291.1
 294.33 [291.1] 7833
 Class Number 294.337833

Title : Social Science in Bible

220.8 Non-religious subjects treated in Bible
 Add 001-999 to base number 220.8
 300 Social Sciences
 Base No. Add No.
 220.8 300
 Class Number 220.83

Title : Anglican churches in Africa

283.4-9 Treatment of continent, country locality
 Add "Area" notation 4-9 from table 2 to base Number 283
 6 [283]6 Africa

Title : Manual of Income tax law

343 Miscellaneous public law
 .05 Kinds of taxes of base
 .052 Income tax
 Class Number 343.052

NOTES

NOTES

Title : Teaching of labour laws in Indian Universities

344 Social law

.01 Labour

.07 Study and teaching (Table 1)

-0711 Colleges and universities

Add "Area" notation 1-9 from Table 2 to base

Number -0711

-54 India (Table 2)

Base No. Table 1 Table 2

344.01 -0711 -54

Class Number 344.01071154

Title : Research on Criminal law in India

345 Criminal law

Use 345.001-345.009 for standard subdivisions

-072 Research (Table 1)

-07201-09 Geographical treatment

Add "Area" notation 1-9 from Table 2 to base no -0720

-54 India (Table 2)

Base No. Table 1 Table 2

345 -0720 -54

Class Number 345.072054

Title : Treaties between India and USSR

341.0266 Bilateral Treaties

Add "Area" notation 3-9 from Table 2 to base number

341.0266; then to the result add 0 and again add "Areas"

Notation 3-9 from Table 2

-54 India (Table 2)

-47 USSR

Base No. Table 2 Table 2

341.0266 -54 0 -47

Class Number 341.026654047

Title : Trade agreement between India and France

382.9 Trade agreements and their implementation by specific countries

Add "Areas" notation 3-9 from Table 2 to base number 382.9; then for bilateral agreements and 0 and again add "Areas" notation 3-9 from Table 2

Base No.	Country emphasized (Table 2)	Add Zero	Another Country (Table 2)
382.9	-54	0	-44

Class Number 382.954044

NOTES

Title : Economic assistance of USSR to India

338.9 Economic development and growth
 .91 International development and growth
 .99-.919 International assistance (Aid) by specific jurisdictions...

Add "Areas" notation 1-9 from Table 2 to base number 338.91; then for assistance by specific jurisdiction to another jurisdiction or group of jurisdiction add 0 and again add "Areas" notation 1-9 from Table 2

Base No.	Assistance by USSR (Table 2)	Add Zero	Assistance to India (Table 2)
339.91	-47	0	-54

Class Number 339.9147054

Title : Women workers in India

331.4 Women workers
 -093-099 Treatment by specific continents, countries, localities; extra terrestrial worlds (Table 1)
 Add "Areas" notation 3-9 from Table 2 to base number -09

Base No.	Table 1	Table 2
331.4	-09	-54

Class Number 331.40954

NOTES

Title : Prices of nutfruits

338.133-.138

Prices of specific products

Add to base number 338.13 the numbers following 63 i

633-638

634.45

Nutfruits

Class Number 338.1345

Title : Cooperative milk production

334

Cooperatives

334.682-.689

Extractive, manufacturing, construction

Add to base number 334.68 the numbers following 6 in
620-690

637.1

Milk Production

Base No.

Add numbers following 6

334.68

[6] 37.1

Class Number 3468.371

Title : Electron microscopy

502.82

Microscopy

Add to base number 502.82 the number following
535.332 in 535.3322-535.3325

5

[535.332] 5 Electron microscopes

Class Number 502.825

Title : Jewish calendar

529.32

Ancient and non Christian calendars

Add to base number 529.32 the number following
29 in 292-298

6

[29] 6 from 292-299 Jewish

Class Number 529.326

Title : Chemical reactions due to ultraviolet radiation

541.35

Specific radiations

Add to base number 541.353 the number following
535.01 in 535.012-535.014

4

[535.01] 4 Ultraviolet

Class Number 541.3534

Title : Electron microscopy

502.82 Microscopy

Add to base number 502.82 the number following 535.332 in 535.3322-535.3325

5 [535.332] 5 Electron microscopes

Class Number 502.825

Title :Microscopical analysis

547.34 Qualitative chemistry

Add to base number 547.34 the number following 544 in 544.01-544.98

8 [544] 8 Micro &Semimicro methods

Add to base number 544.8 the number following 543.081 in 543.0812-543.0815

2 [543.081] 2 Microscopical analysis

Class Number 547.3482

Title : Fresh water Pisces of new Hampshire

597.0929 Fresh water Pisces

Add "Areas" notation 1-9 from table 2 to base number 597.0929

729 729 Hampshire (Table 2)

Class Number 597.0929729

Title : Drug treatment of round worms in animals

636.089 Veterinary sciences

.91 International development and growth

Add to base number 636.089 the numbers following 61 in 610-619

616.965 *Diseases due to round worms (Nematoda)

061 Drug treatment (Special Auxiliary)

Base No.	Add numbers	Add special
	following 61	Auxiliary notation

636.089	[61] 6.965	061
---------	------------	-----

NOTES

Class Number 636.0896965061

Title : A study of inherited diseases among children

618.92 Pediatrics

NOTES

.92001-.92009 General aspects

Add notation 01-09 under 616.1-616.9 to base number 618.920 (19th edition)

Add to 618.9200 the numbers following 0 in 01-09 under 616.1-616.9 (18th edition)

042 Inherited diseases (Special Auxiliary)

Base No. Special auxiliary notation

618.920 (19thed.) 042

618.9200 (18thed.) [0] 42

Class Number 618.920042

Title : Treatment of lung diseases by vitamin and dietotherapy

616.2 Diseases of respiratory system

.24 * of lung

Special 06 Therapy

Auxiliary 062-069 Other therapies

Add to 06 the numbers following 615.8 in 615.82-615.89

615.854 Dietotherapy and vitamin therapy

Base No. Special auxiliary Add numbers
notation following 615.8

616.24 06 *[615.8]54

Class Number 616.240654

Title : Plastic surgery of face

617.52 *Face

0592 Plastic surgery (Special Auxiliary)

Base No. Special auxiliary
notation

617.52 0592

Class Number 617.520592

Title : Storing of grapes

634.8 Grapes
.88 Cultivation and harvesting
 Add to base number 634.88 the numbers following 631.5
 in 631.52-631.58

631.58 Storing
Base No. Add numbers following 631.5
634.88 [631.5] 68

Class Number 634.8868

Title : Marketing of transformers

658.809 Marketing of specific kinds of goods and services
 Add 001-999 to base number 658.809

621.314 Transformers
Base No. Add numbers

658.809 621.314

Class Number 658.809621314

Title : Sculpture in Peking

732.71 Chinese
 Add to base number 732.71 the numbers following
 51 in “Areas” notation 511.518 from table 2

156 [51] 156 Peking (Table 2)

Class Number 732.71156

Title : Goldsmithing in 15th century

739.227 Historical and geographical treatment
 Add to base number 739.2270 the numbers following
 090 in “Standard subdivisions” notation 0901-0905 From
 table 1

24 [090] 24 15th century (Table 1)

Class Number 739.227024

Title : Early 20th century Punjabi fiction

891.42 *Punjabi

NOTES

NOTES

Table 3 -3 Fiction
 -31-39 Fiction of specific periods
 Add 0-3 the notations from the period table for the specific literature

Vol.2 891.42 Punjabi
 Use period table under 891.4
 891.4 Modern Indic literatures Period Table for specific ...
 5 1895-1920

Base No.	Table 3	Vol.2
	Fiction	Period
891.42	-3	5

Class Number 891.4235

Title : Collections of Punjabi drama

891.42 *Punjabi

Table 3 -2 Drama
 -3001-2009 Standard Subdivisions
 Add to -200 the numbers following -100 in 1001-1009
 -1 Poetry
 -1008 Collections

Base No.	Table 3	Collections
	Drama	add numbers following -100
891.42	-2	-[100]8

Class Number 891.422008

Title : Collections of 19th century literature

808.8 Collections from
 .8001-.8005 Collections from specific periods
 Add to base number 808.800 the numbers following 090 in "Standard Subdivisions" notation 0901-0905 From Table 1

-09034 19th century (Table 1)

Base No.	Table 1
808.00	[090] 34

Class Number 808.0034

Title : Art of writing poetry for children

808.06 Rhetoric of specific kinds of composition
 .068 Children's literature
 .0681-.0687 Specific literary forms
 Add to base number 808.068 the number following, 808
 in 808.1-808.7
 808.1 Rhetoric of poetry
 Base No. Add numbers following 808
 808.068 [808] .1
 Class Number 808.0681

NOTES

Title : Research on literary criticism in India

801.95 Criticism
 .9501-.9509 Standard subdivisions
 Table 1 -072 Research
 -07201-09 Geographical treatment
 Add "Areas" notation 1-9 from Table 2 to base no.-0720
 Base No. Table 1 Table 2
 801.95 -0720 -54
 Class Number 801.95072054

Title : Biographies of Sanskrit poets

891.2 *Sanskrit
 Table 3 -1 Poetry
 -1009 History, description
 Class here biography of poets of more than one period
 Class Number 891.21009

Title : Research on Hindi poetry

891.43 *Hindi
 Table 3 -1 Poetry
 -1001-1007 Standard subdivisions
 Notations from Table 1
 Table 1 -072 Research
 Class Number 891.4310072

NOTES

Title : Important discoveries and an account of travels in 5th century

913.04 Travel
 Add to base number 913.04 the numbers following 0901 Standard Subdivisions” notation 09012-09015 from Tab1
 -09015 1-500 AD (Table 1)
 Base No. Add numbers following -0901 (Table 1)
 913.04 -[0901] 5
 Class Number 913.045

Title : Discoveries by Portuguese

910.93-.99 Discovery and exploration by specific countries
 Add “Areas” notation 3.9 from Table 2 for countries responsible to base number 910.9
 -469 Portugal (Table 2)
 Base No. Table 2
 910.9 -469
 Class Number 910.9469

Title : History and Civilization of Greeks upto 15th century

909 General world history
 .04 Racial, ethnic, national groups civilization and events
 Add “Racial, Ethnic, National Groups” notation 01-99 from Table 5 to base number 909.04; then add 0 and to the result add the numbers following 909 in 909.1-909.8
 -81 Ancient Greeks (Table 5)
 4 1400-1499
 Base No. Table 5 Add zero Add numbers following 909
 801.95 -0720 0 [909].4
 Class Number 909.048104

Title : Civilization of Canadians living in Asia

910.03 Man and his civilization
 .032 Among North Americans, Anglo-Saxons, British, English
 Add “Racial, Ethnic, National Groups” notation 1-2 from Table 5 to base number 910.032

-11	Canadians (Table 5)		
Base No.	Table 5	Add zero	Table 2
910.032	-11	0	-5

Class Number 910.0321105

Title : Civilization of France

914-919 Geography of and travel in specific continents,
 Countries, localities in modern world
 Add "Areas" notation 4-9 from Table 2 to base number
 91; then add further as follows:

03	Man and his civilization	
Base No.	Table 2	Notation from special Auxiliary table
91	-44	03

Class Number 914.403

Title : Physical geography of Australia

914-919 Geography of ... modern world
 Add "Areas" notation 4-9 from Table 2 to base number
 91; then add further as follows:

02	The earth (Physical geography)	
Base No.	Add "Areas" notation (Table 2)	Add numbers from special auxiliary Table
91	-8	02

Class Number 918.02

Title : A collective biography of Indian

920 General biography

.0092 Racial, ethnic, notational groups
 Add "Racial, Ethnic, National Groups" notation
 01-99 from Table 5 to base number 920.0092

-91411 Indians (Table 5)

Base No.	Add.
920.0092	-91411

Class Number 920.009291411

NOTES

NOTES**STANDARD SUB DIVISIONS**

	Answers
1. History of Architecture in India	720.954
2. Inventions in Organic Chemistry	547.00216
3. Teaching of History in Secondary Schools in India	373.1294
4. Statistics for Libraries	301.2492
5. Theory of Chemistry	540.1
6. Election Law of India	342.5407
7. Mathematical Symbols	510.148
8. History of Arts	709
9. Research in Chemical Technology	660.072
10. Experimental Physics	530.0724
11. Dictionary of Accountancy	550.22

AREA

	Answers
1. National Songs of European Countries	784.7194
2. Physical Geography of Tamil Nadu	915.48202
3. Biography of Zoologists	590.92
4. Biography of Dr. S.R. Ranganathan	920.2
5. Biography of Dr. Mu. Va	920.94811
6. College Libraries in Tamil Nadu	027.7095482
7. Hunting in tropical areas of India	799.2954013
8. Foreign Policy of India	327.54
9. India's Economic Aid to Ceylon	309.22335405493
10. India trade agreement with America	382.0954073

Time

	Answers
1. Wages during 1400-1500	331.29024
2. Engineering and allied operations in 1930-1940	620.069043
3. Agriculture in India in 20 th century	630.95404
4. Economic conditions of India in 20 th century	330.9046
5. Economic situation in 1960 and 1970	330.95404
6. Indian History in Gupta Period	937.06
7. Tamil Literature in 1920-1940	849.8116
8. Horse races in Tamil Nadu in 1972	798.4009548204
9. Tamil Literature in 1920-1940	842.8116

A number of examples are provided here for the Main classes, Generalities Philosophy, Religion, Social Sciences and Languages. You are advised to work out these titles yourself and then check up with the Answers given.

1. Universe of knowledge: How it is classified : 001.012
2. Research Methods in general : 001.42
3. Tamil Bibliography : 011.2 + 94811 (Table 6)= 011.294811
4. Encyclopedia Britannica : 032
5. Telugu Encyclopedia : 039+94427 (Table 6) = 011.294811
6. Punjabi Journal: 059+9142 (Table 6) = 059.9142
7. Science museum : 069.9+500 = 069.95
8. Ethics of librarians : 174.9+092 (Table 7)= 174.9092
9. Indian Philosophy : 181.4
10. Encyclopedia of Social Sciences : 300.3
11. Statistics on death due to diabetes:
312.26+462 (from 616.462)=312.26462
12. Statistics on Tamil Nadu: 31.5482 = 615.482
13. Political conditions in 16th century : 320.9031
14. Leftist political Parties of India : 324.2+54 (Table 2)+07=324.25407
15. Economic condition of India : 330.9+54 (Table 2)+042 = 330.954042
16. Job opportunities in Textile Industries : 331.124 + 77 (from 677) 331.12477
17. Unemployment in library profession : 331.13781 + 020 = 331.1378102
18. Entertainment tax on cinema : 336.278 + 791.43 = 336.27879143
19. Criminal law : 34 + 5 = 345.05
20. Indian Criminal law procedure : 34 + 54 (Table 2) +5 + 05 = 345.4505
21. Law dictionaries : 340.03
22. Law encyclopedia : 348.06
23. Science curriculum : 375 + 500 = 375.5
24. Trade in textiles : 380.14 + 677 = 380.14677
25. Tamil dialects : 494.811 + 7 = 494.8117
26. Tamil readers for Hindi speaking people :
484.811 + 864 + 91431 (Table 6) = 494.81186491431
27. History of Judaism [296.09]
28. Museums, collections, exhibits on Christianity [207.34]
29. Science of Bible [220.85]

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- 30. Mars [521.543]
- 31. Variable Stars [521.5844]
- 32. Cosmic rays [523.0197223]
- 33. Lawyers as artists [704.344]
- 34. Arts of 1st century B.C. [709.014]
- 35. Mythology and legend [731.87]
- 36. 20th century and independence of Finland-1940 [948.97032]
- 37. Switzerland in 20th century-1945 [949.4072]
- 38. Soviet Socialist Republic in the later 20th century [958.7085]
- 39. Establishment as province of Canada 1905 [971.2302]

Many questions can be answered from these 3 Summaries. Get familiar with them.

SUMMARIES

First Summary

The 10 Main Classes

- 000 Generalities
- 100 Philosophy & related disciplines
- 200 Religion
- 300 Social Sciences
- 400 Languages
- 500 Pure Sciences
- 600 Technology (Applied Sciences)
- 700 The arts
- 800 Literature (Belles – letters)
- 900 General geography & history

Second Summary

The 100 Divisions

- 000 Generalities
- 010 Bibliography
- 020 Library & information sciences
- 030 General encycloped works
- 040
- 050 General serial publication
- 060 General organizations & musicology
- 070 Journalism, publishing, newspaper
- 080 General collections
- 210 Natural religion
- 220 Bible
- 230 Christian theology
- 240 Christian moral & devotional
- 250 Local church & religious orders
- 260 Social & ecclesiastical theology
- 270 History & geography of church
- 280 Christian denominations &

sects

090 Manuscript & book rarities	290 Other & comparative religions
100 Philosophy & related disciplines	300 Social sciences
110 Metaphysics	310 Statistics
120 Epistemology, causation, humankind	320 Political science
130 Paranormal phenomena & arts	330 Economics
140 Specific philosophical viewpoints	340 Law
150 Psychology	350 Public administration
160 Logic	360 Social problem & services
170 Ethics (Moral philosophy)	370 Education
180 Ancient, Medieval, Oriental	380 Commerce (Trade)
190 Modern Western philosophy	390 Customs, etiquette, folklore
200 Religion	400 Language
410 Linguistics	710 Civic & landscape art
420 English & Anglo-Saxon languages	720 Architecture
430 Germanic languages German	730 Plastic arts Sculpture
440 Romance languages French	740 Drawing, decorative & minor arts
450 Italian, Romanian, Rhaeto-Romanic	750 Painting & paintings
460 Spanish & Portuguese languages	760 Graphic arts Prints
470 Italic languages Latin	770 Photography & photographs
480 Hellenic Classical Greek	780 Music
490 Other languages	790 Recreational & performing arts
500 Pure sciences	800 Literature (Belles-lettres)
510 Mathematics	810 American literature in English
520 Astronomy & allied sciences	820 English & Anglo-Saxon literatures
530 Physics	830 Literatures of Germanic languages
540 Chemistry & allied sciences	840 Literatures of Romance languages
550 Sciences of earth & other worlds	850 Italian, Romanian, Rhaeto-Romanic
560 Paleontology	860 Spanish & Portuguese literatures
570 Life sciences	870 Italic literatures Latin
580 Botanical sciences	880 Hellenic literatures Greek
590 Zoological sciences	890 Literatures of other languages

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- | | |
|--|--------------------------------------|
| 600 Technology (Applied sciences) | 900 General geography & history |
| 610 Medical sciences | 910 General geography Travel |
| 620 Engineering & allied operations | 920 General biography & genealogy |
| 630 Agriculture & related technologies | 930 General history of ancient world |
| 640 Home economics & family living | 940 General history of Europe |
| 650 Management & auxiliary services | 950 General history of Asia |
| 660 Chemical & related technologies | 960 General history of Africa |
| 670 Manufactures | 970 General history of South America |
| 680 Manufacture for specific uses | 980 General history of South America |
| 690 Buildings | 990 General history of other areas |
| 700 The arts | |

Third Summary
The 1000 Sections

- | | |
|---|---|
| 000 Generalia | 050 General serial publications |
| 001 Knowledge | 051 American |
| 002 The book | 052 Others in English |
| 003 Systems | 053 In other Germanic languages |
| 004 | 054 In French, Provençal, Catalan |
| 005 | 055 In Italian, Romanian, Rhaeto-Romanic |
| 006 | 056 In Spanish & Portuguese |
| 007 | 057 In Slavic languages |
| 008 | 058 In Scandinavian languages |
| 009 | 059 In other languages |
| 010 Bibliography | 060 General organizations & musicology |
| 011 Bibliographies | 061 In North America |
| 012 Of individuals | 062 In British Isles |
| 013 Of works of specific classes of writers | 063 In central Europe |
| 014 Of anonymous & pseudonymous works | 064 In France & Monaco |
| 015 Of works from specific places | 065 In Italy & adjacent territories |
| 016 Subject bibliographies & catalogs | 066 In Iberian Peninsula & adjacent islands |
| 017 General subject catalogs | 067 In eastern Europe |
| 018 Author & date catalogs | 068 In other areas |
| 019 Dictionary catalogs | 069 Muscology (Muscom science) |
| 020 Library & information sciences | 070 Journalism, publishing newspapers |
| 021 Library relationships | 071 In North America |
| 022 Physical plant | 072 In British Isles |
| 023 Personnel & positions | 073 In central Europe |

024 074	In France & Monaco
025 Library operations	075 In Italy & adjacent territories
026 Libraries for specific subjects	076 In Iberian Peninsula & adjacent islands
027 General libraries	077 In eastern Europe
028 Reading & use of information media	078 In Scandinavia
029 079	In other areas
030 General encyclopedic works	080 General collections
031 American	081 American
032 Others in English	082 Others in English
033 In other Germanic languages	083 In other Germanic languages
034 In French, Provençal, Catalan	084 In French, Provençal, Catalan
035 In Italian, Romanian, Rhaeto-Romanic	085 In Italian, Romanian, Rhaeto-Romanic
036 In Spanish & Portuguese	086 In Spanish & Portuguese
037 In Slavic Languages	087 In Slavic Languages
038 In Scandinavian languages	088 In Scandinavian languages
039 In other languages	089 In other languages
040	090 Manuscripts & book rarities
041	091 Manuscripts
042	092 Block books
043	093 Incunabula
044	094 Printed books
045	095 Books notable for bindings
046	096 Notable illustrations & materials
047	097 Notable ownership or origin
048	098 Works notable for content
049	099 Books notable for format
100 Philosophy & related disciplines	150 Psychology
101 Theory of philosophy	151
102 Miscellany of philosophy	152 Physiological psychology
103 Dictionaries of philosophy	153 Intelligence & intellect
104	154 Subconscious states & process
105 Serials on philosophy	155 Differential & genetic psychology
106 organizations of philosophy	156 Comparative psychology
107 Study & teaching of philosophy	157 Abnormal & clinical psychologies
108 Treatment among groups of persons	158 Applied psychology
109 Historical treatment of philosophy	159 Other aspects
110 Metaphysics	160 Logic
111 Ontology	161 Induction
112	162 Deduction
113 Cosmology	163
114 Space	164
115 Time	165 Fallacies & sources of error

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116 Evolution	166 Syllogisms
117 Structure	167 Hypotheses
118 Force & energy	168 Argument & persuasion
119 Number & quantity	169 Analogy
120 Epistemology, causation, humankind	170 Ethics (Moral philosophy)
121 Epistemology	171 Systems & doctrines
122 Causation	172 Political ethics
123 Determinism & indeterminism	173 Ethics of family relationship
124 Teleology	174 Professional & occupational ethics
125	175 Ethics of recreation & leisure
126 The self	176 Ethics of sex & reproduction
127 The unconscious & the subconscious	177 Ethics of social relations
128 Humankind	178 Ethics of consumption
129 Origin & destiny of individual souls	179 Other ethical norms
130 Paranormal phenomena & arts	180 Ancient, medieval, Oriental philosophy
131 Well-being, happiness, success	181 Oriental
132	182 Pre-Socratic Greek
133 Parapsychology & occultism	183 Sophistic, Socratic & related Greek
134	184 Platonic
135 Dreams & mysteries	185 Aristotelian
136	186 Skeptic & Neoplatonic
137 Analytic & divinatory graphology	187 Epicurean
138 Physiognomy	188 Stoic
139 Phrenology	189 Medieval Western
140 Specific philosophical viewpoints	190 Modern Western philosophy
141 Idealism & related systems & doctrine	191 United States & Canada
142 Critical philosophy	192 British Isles
143 Intuitionism & related systems	193 Germany & Austria
144 Humanism & related systems	194 France
145 Sensationalism & ideology	195 Italy
146 Naturalism & related systems	196 Spain & Portugal
147 Pantheism & related systems	197 Russia & Finland
148 Liberalism & other systems	198 Scandinavia
149 Other system & doctrines	199 Other geographical areas
200 Religion	250 Local church & religious orders
201 Philosophy of Christianity	251 Preaching (Homiletics)
202 Miscellany of Christianity	252 Texts of sermons
203 Dictionaries of Christianity	253 Secular clergymen & duties
204 Special topics of general applicability	254 Parish government & administration
205 Serials on Christianity	255 Religious congregations & orders
206 Organizations of Christianity	256
207 Study & teaching of Christianity	257

208 Christianity among groups of persons	258
209 History & geography of Christianity	259 Parochial activities
210 Natural religion	260 Social & ecclesiastical theology
211 Concepts of God	261 Social Theology
212 Nature of God	262 Ecclesiology
213 Creation	263 Times & places of religious observanc
214 Theodicy	264 Public worship
215 Science & religion	265 Other rites, ceremonies, ordinances
216 Good & evil	266 Missions
217	267 Associations for religious work
218 Humankind	268 Religious training & instruction
219 Analogy	269 Spiritual renewal
220 Bible	270 History & geography of church
221 Old Testament	271 Religious congregations & orders
222 Historical books of Old Testament	272 Persecutions
223 Poetic books of Old Testament	273 Doctrinal controversies & heresies
224 Prophetic books of Old Testament	274 Christian church in Europe
225 New Testament	275 Christian church in Asia
226 Gospels & Acts	276 Christian church in Africa
227 Epistles	277 Christian church in North America
228 Revelation (Apocalypse)	278 Christian church in South America
229 Apocrypha & pseudepigrapha	279 Christian church in other areas
230 Christian theology	280 Christian denominations & sects
231 God	281 Primitive & Oriental churches
232 Jesus Christ & his family	282 Roman Catholic Church
233 Humankind	283 Anglican churches
234 Salvation (Soteriology) & grace	284 Protestants of Continental origin
235 Spiritual beings	285 Presbyterian & related churches
236 Eschatology	286 Baptist, Disciples, Adventist
237	287 Methodist churches
238 Creeds & confessions of faith	288 Unitarianism
239 Apologetics & polemics	289 Other denominations & sects
240 Christian moral & devotional theology	290 Other & comparative religions
241 Moral theology	291 Comparative religion
242 Devotional literature	292 Classical (Greek & Roman) religion
243 Evangelistic writings for individuals	293 Germanic religion
244	294 Religions of India origin
245 Hymns without music	295 Zoroastrianism
246 Art in Christianity	296 Judaism
247 Church furnishing & articles	297 Islam & religious derived from it
248 Christian experience, practice life	298
249 Christian observances in family life	299 Other religions

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- 300 Social sciences
- 301 Sociology
- 302 Social interaction
- 303 Social processes
- 304 Relation of natural factors
- 305 Social stratification
- 306 Culture and Institutions
- 307 Communities
- 308
- 309
- 310 Statistics
- 311
- 312 Statistics of populations
- 313
- 314 General statistics of Europe
- 315 General statistics of Asia
- 316 General statistics of Africa
- 317 General statistics of North America
- 318 General statistics of South America
- 319 General statistics of other areas
- 320 Political science
- 321 Kinds of governments and states
- 322 Relation of state to social groups
- 323 Relation of state to its residents
- 324 The political process
- 325 International migration
- 326 Slavery & emancipation
- 327 International relations
- 328 Legislation
- 329
- 330 Economics
- 331 Labor economics
- 332 Financial economics
- 333 Land economics
- 334 Cooperatives
- 335 Socialism & related systems
- 336 Public finance
- 337 International economics
- 338 Production
- 339 Macroeconomics & related topics
- 340 Law
- 341 International law
- 350 Public administration
- 351 Central governments
- 352 Local governments
- 353 U.S. federal & state governments
- 354 Other central governments
- 355 Military art & science
- 356 Foot forces & warfare
- 357 Mounted forces & warfare
- 358 Armored, technical, air, space forces
- 359 Sea (Naval) forces & warfare
- 360 Social problems & services
- 361 Social problems & welfare
- 362 Social welfare problems & services
- 363 Other social problems & services
- 364 Criminology
- 365 Penal institutions
- 366 Association
- 367 General clubs
- 368 Insurance
- 369 Miscellaneous kinds of associations
- 370 Education
- 371 Generalities of Education
- 372 Elementary education
- 373 Secondary education
- 374 Adult education
- 375 Curriculums
- 376 Education of women
- 377 Schools & religion
- 378 Higher education
- 379 Education & the state
- 380 Commerce (Trade)
- 381 Internal commerce
- 382 International commerce
- 383 Postal communication
- 384 Other systems of communication
- 385 Railroad transportation
- 386 Inland waterway & ferry transportation
- 387 Water, air, space transportation
- 388 Ground transportation
- 389 Metrology & standardization
- 390 Customs, etiquette, folklore
- 391 Costume & personal appearance

342 Constitutional & administrative law	392 Customs of life cycle & domestic life
343 Miscellaneous public law	393 Death customs
344 Social law	394 General customs
345 Criminal law	395 Etiquette (Manners)
346 Private law	396
347 Civil procedure & courts	397
348 Statutes, regulations, cases	398 Folklore
349 Law of individual states & nations	399 Customs of war & diplomacy
400 Language	450 Italian, Romanian, Rhaeto-Romanic
401 Philosophy & theory	451 Written & spoken Italian
402 Miscellany	452 Italian etymology
403 Dictionaries & encyclopedias	453 Italian dictionaries
404 Special topics of general applicability	454
405 Serial publications	455 Italian structural system
406 Organizations	456
407 Study & teaching	457 Nonstandard Italian
408 Treatment among groups of persons	458 Standard Italian usage
409 Historical & geographical treatment	459 Romanian & Rhaeto-Romanic
410 Linguistics	460 Spanish & Portuguese languages
411 Notations	461 Written & spoken Spanish
412 Etymology	462 Spanish etymology
413 Polygot dictionaries	463 Spanish dictionaries
414 Phonology	464
415 Structural systems (Grammar)	465 Spanish structural system
416	466
417 Dialectology & paleography	467 Nonstandard Spanish
418 Usage (Applied Linguistics)	468 Standard Spanish usage
419 Verbal language not spoken or written	469 Portuguese
420 English & Anglo-Saxon languages	470 Italic languages Latin
421 Written & spoken English	471 Written & spoken classical Latin
422 English etymology	472 Classical Latin etymology
423 English dictionaries	473 Classical Latin dictionaries
424	474
425 English structural system	475 Classical Latin structural system
426	476
427 Nonstandard English	477 Old, Postclassical, Vulgar Latin
428 Standard English usage	478 Classical Latin usage
429 Anglo-Saxon (Old English)	479 Other Italic languages
430 Germanic languages German	480 Hellenic languages Classical Greek
431 Written & spoken German	481 Written & spoken classical Greek
432 German etymology	482 Classical Greek etymology
433 German dictionaries	483 Classical Greek dictionaries

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434	484
435 German structural system	485 Classical Greek structural system
436	486
437 Nonstandard German	487 Postclassical Greek
438 Standard German usage	488 Classical Greek usage
439 Other Germanic languages	489 Other Hellenic languages
440 Romance languages French	490 Other languages
441 Written & spoken French	491 East Indo-European & Celtic
442 French etymology	492 Afro-Asiatic (Hamito-Semitic)
443 French dictionaries	493 Hermitic & Chad languages
444	494 Ural-Altaic, Paleosiberian, Dravidian
445 French structural system	495 Sino-Tibetan & other
446 496	African languages
447 Nonstandard French	497 North American native languages
448 Standard French usage	498 South American native languages
449 Provençal & Catalan	499 Other languages
500 Pure sciences	550 Sciences of earth & other worlds
501 Philosophy & theory	551 Geology, meteorology, hydrology
502 Miscellany	552 Petrology (Rocks)
503 Dictionaries & encyclopedias	553 Economic geology
504	554 Treatment in Europe
505 Serial publications	555 Treatment in Asia
506 organizations	556 Treatment in Africa
507 Study & teaching	557 Treatment in North America
508 Travel & surveys	558 Treatment in South America
509 Historical & geographical treatment	559 Treatment in other areas & worlds
510 Mathematics	560 Paleontology
511 Generalities	561 Palcobotany
512 Algebra	562 Fossil invertebrates
513 Arithmetic	563 Fossil protozoa & other simple anima
514 Topology	564 Fossil mollusca&molluscoida
515 Analysis	565 Other Fossil invertebrates
516 Geometry	566 Fossil Chordata
517	567 Fossil cold-blooded vertebrates
518	568 Fossil Aves (Fossil birds)
519 Probabilities & applied mathematics	569 Fossil Mammalia
520 Astronomy & allied sciences	570 Life Science
521 Theoretical astronomy	571
522 Practical & spherical astronomy	572 Human races
523 Descriptive astronomy	573 Physical anthropology
524 574	Biology
525 Earth (Astronomical geography)	575 Organic evolution & genetics

526 Mathematical geography	576 Microbes
527 Celestial navigation	577 General nature of life
528 Ephemerides (Nautical almanacs)	578 Microscopy in biology
529 Chronology (Time)	579 Collection & preservation of specimen
530 Physics	580 Botanical sciences
531 Mechanics	581 Botany
532 Mechanics of fluids	582 Spermatophyta
533 Mechanics of gases	583 Dicotyledones
534 Sound & related vibrations	584 Monocotyledons
535 Light & parafotic phenomena	585 Gymnospermac
536 Heat	586 Cryptogamia
537 Electricity & electronics	587 Pteridophyta
538 Magnetism	588 Bryophyta
539 Modern physics	589 Thallophyta
540 Chemistry & allied sciences	590 Zoological sciences
541 Physical & theoretical chemistry	591 Zoology
542 Laboratories, apparatus, equipment	592 Invertebrates
543 Analytical chemistry	593 Protozoa & other simple animals
544 Qualitative chemistry	594 Mollusca & molluscoidea
545 Quantitative chemistry	595 Other invertebrates
546 Inorganic chemistry	596 Chordata
547 Organic chemistry	597 Cold-blooded vertebrates
548 Crystallography	598 Aves (Birds)
549 Mineralogy	599 Mammalia (Mammals)
600 Technology (Applied sciences)	650 Management & auxiliary services
601 Philosophy & theory	651 Office services
602 Miscellany	652 Written communication processes
603 Dictionaries & encyclopedias	653 Shorthand
604 General technologies	654
605 Serial publications	655
606 Organizations & management	656
607 Study & teaching	657 Accounting
608 Invention & patent	658 General management
609 Historical & geographical treatment	659 Advertising & public relations
610 Medical sciences Medicine	660 Chemical & related technologies
611 Human anatomy, cytology, tissues	661 Industrial chemicals
612 Human physiology	662 Explosives, fuels, related products
613 General & personal hygiene	663 Beverage technology
614 Public health & related topics	664 Food technology
615 Pharmacology & therapeutics	665 Industrial oils, fats, waxes, gases
616 Diseases	666 Ceramic & allied technologies
617 Surgery & related topics	667 Cleaning, color, other technologies

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- 618 Other branches of medicine
- 619 Experimental medicine
- 620 Engineering & allied operations
- 621 Applied Physicmining& related operations
- 622 Mining & related operations
- 623 Military & nautical engineering
- 624 Civil engineering
- 625 Railroads, roads, highways
- 626
- 627 Hydraulic engineering
- 628 Sanitary & municipal engineering
- 629 Other branches of engineering
- 630 Agriculture & related technologies
- 631 Crops & their production
- 632 Plant injuries, diseases, pests
- 633 Field crops
- 634 Orchards, fruits, forestry
- 635 Garden crops Vegetables
- 636 Animal husbandry
- 637 Dairy & related technologies
- 638 Insect culture
- 639 Nondomestic animals & plants
- 640 Homo economics & family living
- 641 Food & drink
- 642 Meal & table service
- 643 Housing & household equipment
- 644 Household utilities
- 645 Furnishing & decorating home
- 646 Sewing, clothing, personal living
- 647 Public households
- 649 Child rearing & care of sick
- 700 The arts
- 701 Philosophy & theory
- 702 Miscellany
- 703 Dictionaries & encyclopedias
- 704 Special topics of general applicability
- 705 Serial publications
- 706 Organizations & management
- 707 Study & teaching
- 708 Galleries, museums, art collections
- 709 Historical & geographical treatment
- 668 Other organic products
- 669 Metallurgy
- 670 Manufactures
- 671 Metal manufactures
- 672 Ferrous metals manufactures
- 673 Nonferrous metals technologies
- 674 Lumber, cork, wood technologies
- 675 Leather & fur technologies
- 676 Pulp & paper technology
- 677 Textiles
- 678 Elastomers & their products
- 679 Other products of specific uses
- 680 Manufacture for specific uses
- 681 Precision & other Instruments
- 682 Small forge work
- 683 Hardware & household appliances
- 684 Furnishings & home workshops
- 685 Leather & fur goods
- 686 Printing & related activities
- 687 Clothing
- 688 Other final products & packaging
- 689
- 690 Buildings
- 691 Building materials
- 692 Auxiliary construction practices
- 693 Construction in specific materials
- 694 Wood construction Carpentry
- 695 Roofing
- 696 Utilities
- 697 Heating, ventilating, air conditioning
- 699
- 750 Painting & paintings
- 751 Processes & forms
- 752 Color
- 753 Abstractions, symbolism, legend
- 754 Subjects of everyday life
- 755 Religion & religious symbolism
- 756 Historical events
- 757 Human figures & their parts
- 758 Other subjects
- 759 Historical & geographical treatment

710 Civic & landscape art	760 Graphic arts Prints
711 Area planning (Civic art)	761 Relief processes
712 Landscape design	762
713 Landscape design of trafficways	763 Lithographic processes
714 Water features	764 Chromolithography & serigraphy
715 Woody plants	765 Metal engraving
716 Herbaceous plants	766 Mezzotinting & aquatinting processes
717 Structures	767 Etching & drypoint
718 Landscape design of cemeteries	768
719 Natural landscapes	769 Prints
720 Architecture	770 Photography & photographs
721 Architectural construction	771 Apparatus, equipment, materials
722 Ancient & Oriental architecture	772 Metallic salt processes
723 Medieval architecture	773 Pigment processes of printing
724 Modern architecture	774 Holography
725 Public structures	775
726 Buildings for religious purposes	776
727 Buildings for education & research	777
728 Residential buildings	778 Specific fields of photography
729 Design & decoration	779 Photographs
730 Plastic arts Sculpture	780 Music
731 Processes & representations	781 General principles
732 Nonliterate, ancient, Oriental	782 Dramatic music
733 Greek, Etruscan, Roman	783 Sacred music
734 Medieval Sculpture	784 Voice & vocal music
735 Modern Sculpture	785 Instrumental ensembles & their music
736 Carving & carvings	786 keyboard instruments & their music
737 Numismatics & sigillography	787 String instruments & their music
738 Ceramic arts	788 Wind instruments & their music
739 Art metalwork	789 Percussion, mechanical, electrical
740 Drawing & drawings	790 Recreational & performing arts
741 Drawing & drawings	791 Public performances
742 Perspective	792 Theatre (Stage presentations)
743 Drawing & drawings by subject	793 Indoor games & amusements
744	794 Indoor games of skill
745 Decorative & minor arts	795 Games of chance
746 Textile arts & handicrafts	796 Athletic & outdoor sports & games
747 Interior decoration	797 Aquatic & air sports
748 Glass	798 Equestrian sports & animal racing
749 Furniture & accessories	799 Fishing, hunting, shooting
800 Literature (Belles-lettres)	850 Italian, Romanian, Rhaeto-Romanic
801 Philosophy & theory	851 Italian Poetry

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- 802 Miscellany about literature
- 803 Dictionaries & encyclopedias
- 804
- 805 Serial publications
- 806 Organizations
- 807 Study & teaching
- 808 Rhetoric & collections
- 809 History, description, critical appraisal
- 810 American literature in English
- 811 Poetry
- 812 Drama
- 813 Fiction
- 814 Essays
- 815 Speeches
- 816 Letters
- 817 Satire & humour
- 818 Miscellaneous writings
- 819
- 820 English & Anglo-Saxon literatures
- 821 English poetry
- 822 English drama
- 823 English fiction
- 824 English essays
- 825 English speeches
- 826 English Letters
- 827 English Satire & humour
- 828 English Miscellaneous writings
- 829 Anglo – Saxon (Old English)
- 830 Literatures of Germanic languages
- 831 German poetry
- 832 German drama
- 833 German fiction
- 834 German essays
- 835 German speeches
- 836 German Letters
- 837 German Satire & humour
- 838 German Miscellaneous writings
- 839 Other Germanic literatures
- 840 Literatures of Romance languages
- 841 French Poetry
- 842 French Drama
- 843 French Fiction
- 852 Italian Drama
- 853 Italian Fiction
- 854 Italian Essays
- 855 Italian Speeches
- 856 Italian Letters
- 857 Italian Satire & humour
- 858 Italian Miscellaneous writings
- 859 Romanian, Rhaeto-Romanic
- 860 Spanish & Portuguese literatures
- 861 Spanish Poetry
- 862 Spanish Drama
- 863 Spanish Fiction
- 864 Spanish Essays
- 865 Spanish Speeches
- 866 Spanish Letters
- 867 Spanish Satire & humour
- 868 Spanish Miscellaneous writings
- 869 Portuguese
- 870 Italic literatures Latin
- 871 Latin Poetry
- 872 Latin Drama
- 873 Latin epic poetry & Fiction
- 874 Latin lyric poetry
- 875 Latin Speeches
- 876 Latin Letters
- 877 Latin Satire & humour
- 878 Latin Miscellaneous writings
- 879 Other Italic languages
- 880 Hellenic literatures Greek
- 881 Classical Greek Poetry
- 882 Classical Greek Drama
- 883 Classical Greek epic poetry
- 884 Classical Greek lyric poetry
- 885 Classical Greek Speeches
- 886 Classical Greek Letters
- 887 Classical Greek Satire & humour
- 888 Classical Greek Miscellaneous writings
- 889 Modern Greek
- 890 Literatures of other languages
- 891 East Indo-European & Celtic
- 892 Afro-Asiatic (Hamito-Semitic)
- 893 Hamitic & Chad literatures

- 844 French Essays
 845 French Speeches
 846 French Letters
 847 French Satire & humour
 848 French Miscellaneous writings
 849 Provençal & Catalan
 900 General geography & history
 901 Philosophy of general history
 902 Miscellany of general history
 903 Dictionaries of general history
 904 Collected accounts of events
 905 Serials on general history
 906 Organizations of general history
 907 Study & teaching of general history
 908
 909 General world history
 910 General geography Travel
 911 Historical geography
 912 Graphic representations of earth
 913 Geography of ancient world
 914 Europe
 915 Asia
 916 Africa
 917 North America
 918 South America
 919 Other areas & worlds
 920 General biography & genealogy
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 929 Genealogy, names, insignia
 930 General history of ancient world
 931 China
 932 Egypt
 933 Palestine
 934 India
 935 Mesopotamia & Iranian Plateau
 894 Ural-Altaic, paleosiberian, Dravidian
 895 Sino-Tibetan & other Asian
 896 African literatures
 897 North American native literatures
 898 South American native literatures
 899 Other literatures
 950 General history of Asia
 951 China & adjacent areas
 952 Japan & adjacent islands
 953 Arabian Peninsula & adjacent areas
 954 South Asia India
 955 Iran (Persia)
 956 Middle East (Near East)
 957 Siberia (Asiatic Russia)
 958 Central Asia
 959 Southeast Asia
 960 General history of Africa
 961 North Africa
 962 Egypt & Sudan
 963 Ethiopia (Abyssinia)
 964 Northwest coast & offshore islands
 965 Algeria
 966 West Africa & offshore islands
 967 Central Africa & offshore islands
 968 Southern Africa
 969 South Indian Ocean islands
 970 General history of North America
 971 Canada
 972 Middle America Mexico
 973 United States
 974 Northeastern United States
 975 Southeastern United States
 976 South central United States
 977 North central United States
 978 Western United States
 979 Great Basin & Pacific Slope
 980 General history of south America
 981 Brazil
 982 Argentina
 983 Chile
 984 Bolivia
 985 Peru

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|--|--------------------------------------|
| 936 Northern & Western Europe | 986 Colombia & Ecuador |
| 937 Italian peninsula & adjacent areas | 987 Venezuela |
| 938 Greece | 988 Guianas |
| 939 Other parts of ancient world | 989 Paraguay & Uruguay |
| 940 General history of Europe | 990 General history of other areas |
| 941 British Isles | 991 |
| 942 England & Wales | 992 |
| 943 Central Europe Germany | 993 New Zealand & Melanesia |
| 944 France | 994 Australia |
| 945 Italy | 995 New Guinea (Papua) |
| 946 Iberian Peninsula Spain | 996 Other parts of Pacific Polynesia |
| 947 Eastern Europe Soviet Union | 997 Atlantic Ocean islands |
| 948 Northern Europe Scandinavia | 998 Arctic islands & Antartica |
| 949 Other parts of Europe | 999 Extraterrestrial worlds |

BLIS DEGREE EXAMINATION MAY2003

Paper VII Classification Practice

PART A

Classify the following Titles according to CC 6th En.

A copy of the 6thEdn. Of CC will be available for reference.

Time 3 Hrs.

Max. 100 Marks

I.

- | | |
|----------------|-----------|
| 1. Fine Arts | 4 × 1 = 4 |
| 2. Agriculture | |
| 3. Economics | |
| 4. History | |

II

- | | |
|-------------------------|-------------|
| 1. Drainage Engineering | 10 × 2 = 20 |
| 2. Fuel Technology | |
| 3. Geometry | |
| 4. Electricity | |
| 5. Vaishnavism | |
| 6. Nuclear Engineering | |
| 7. Business Libraries | |
| 8. Animal Psychology | |
| 9. History of Asia | |
| 10. Ethics | |

III. Answer any THREE

1. Psychology for Doctors $3 \times 3 = 9$
2. English Dictionary
3. Tamil Drama
4. Balance of payment
5. Law for Economists
6. Differential Plane Geometry

IV. Answer any TWO

1. Treatment of old-age Disease $2 \times 5 = 10$
2. Indian Journal of Physics (Started in 1967)
3. Montessori Schools in Kerala
4. Small Scale Industry

V. Answer any ONE

1. Cataloguing of Printed Books in University Libraries in India in 1990. $1 \times 7 = 7$
2. Maintenance of Railway Platforms in Tamil Nadu during 1980's.

PART-B

Classify the following Titles according to Dewey Decimal Classification – 19thEdn.

A copy of DC 19th Ed is available for reference

I.

1. Music $4 \times 1 = 4$
2. Geometry
3. Religion
4. Technology

II.

1. Public Administration $10 \times 2 = 20$
2. Macro Economics
3. Hellenic Languages
4. Bible

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5. General Geography
6. Higher Education
7. Library & information science
8. Analytical Chemistry
9. Animal Husbandry
10. Photography

III. Answer any THREE

1. Tamil English Dictionary $3 \times 3 = 9$
2. Hindi Literature
3. Malayalam Literature
4. Technology of Japan
5. Serial Publications (Journal) of Mathematics
6. Dewey Decimal Classification

IV. Answer any TWO

1. Statistics one deaths due to diabetes $2 \times 5 = 10$
2. General Libraries in England and China
3. Elementary Schools in India
4. English drama of early criticism of comedy

V. Answer any ONE

1. Job opportunities in textile industry $1 \times 7 = 7$
2. Painting as a hobby of Asia & Europe in 18th century