Bachelor of Library & Information Science
I - Semester
109 14

INFORMATION PROCESSING - III:
CLASSIFICATION PRACTICE
<table>
<thead>
<tr>
<th>SYLLABI-BOOK MAPPING TABLE</th>
<th>Information Processing - III: Classification Practice</th>
</tr>
</thead>
<tbody>
<tr>
<td>Syllabi</td>
<td>Classification of Documents According to Abridged Dewey Decimal Classification (DDC) 19th Edition. for Details refer Course Material.</td>
</tr>
</tbody>
</table>
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 sub-divisions 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.
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

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**

<table>
<thead>
<tr>
<th>Z</th>
<th>Generalia</th>
<th>LX</th>
<th>Parmocognosy</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Universe of Knowledge</td>
<td>M</td>
<td>Useful Arts</td>
</tr>
<tr>
<td>2</td>
<td>Library Science</td>
<td>Δ</td>
<td>Spiritual Experience and Mysticism</td>
</tr>
<tr>
<td>3</td>
<td>Book Science</td>
<td>MZ</td>
<td>Humanities and Social Sciences</td>
</tr>
<tr>
<td>4</td>
<td>Journalism</td>
<td>MZA</td>
<td>Humanities</td>
</tr>
<tr>
<td>A</td>
<td>Natural Science</td>
<td>N</td>
<td>Fine Arts</td>
</tr>
<tr>
<td>AZ</td>
<td>Mathematical Sciences</td>
<td>NX</td>
<td>Literature and Language</td>
</tr>
</tbody>
</table>
### 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)
<table>
<thead>
<tr>
<th>Step</th>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>Kernel Title</td>
<td>(Full Title minus all the auxiliary words)</td>
</tr>
<tr>
<td>3</td>
<td>Analysed Title</td>
<td>(Kernel Title with each Kernel term marked by a symbol, denoting the fundamental category)</td>
</tr>
<tr>
<td>4</td>
<td>Transformed Title</td>
<td>(Analysed Title with the Kernel terms rearranged according to the symbols of analysis)</td>
</tr>
<tr>
<td>5</td>
<td>Title in Standard Terms</td>
<td>(Transformed Title with the Kernel Terms replaced by their respective equivalence as given in the schedule)</td>
</tr>
<tr>
<td>6</td>
<td>Title in Focal Numbers</td>
<td>(Title in Standard terms with the Kernel terms replaced by their equivalent numbers)</td>
</tr>
<tr>
<td>7</td>
<td>Class Number</td>
<td>(Got by removing the symbols of analysis and inserting the appropriate connecting symbols between the facets numbers)</td>
</tr>
</tbody>
</table>

Example 1:
Title: “An Introduction to the Classification of printed books in University Libraries in India in Nineteen Thirties”.

<table>
<thead>
<tr>
<th>Step</th>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Raw</td>
<td>An Introduction to the Classification of printed books in University Libraries in India in Nineteen Thirties</td>
</tr>
<tr>
<td>1</td>
<td>Full Title</td>
<td>We have to include the basic subject. Library Science, An introduction to the Classification of printed books in University Libraries in India in Nineteen Thirties.</td>
</tr>
<tr>
<td>2</td>
<td>Kernel Title</td>
<td>Omit the auxiliary words. Library Science, Classification, Printed Books, University Library, India, Nineteen Thirties.</td>
</tr>
<tr>
<td>3</td>
<td>Analysed Title</td>
<td>(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.</td>
</tr>
</tbody>
</table>
Classification Practice

NOTES

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
N3 [T].

Step 7 Synthesised Title
234; 14: 51. 44 ‘N3

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

Main Class = Education = T
Teaching Technique [E] 3
Secondary Schools [P] 2
Now connect the above numbers in [P  [M  [E]  [S]  [T]  order using the appropriate connecting symbols.

T2:3.4416'N95

Example 8:
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 Buddhisms = 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:

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

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
### Isolate in [T2]: Featured Time

<table>
<thead>
<tr>
<th>Isolate</th>
<th>Event</th>
<th>Isolate No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>A5</td>
<td>Quartermary</td>
<td>Q</td>
</tr>
<tr>
<td>B</td>
<td>9999 to 1000 BC</td>
<td>R</td>
</tr>
<tr>
<td>C</td>
<td>999 to 1 BC</td>
<td>S</td>
</tr>
<tr>
<td>D</td>
<td>1 to 999 AD</td>
<td>T</td>
</tr>
<tr>
<td>E</td>
<td>1000 to 1099 AD</td>
<td>U</td>
</tr>
<tr>
<td>F</td>
<td>1100 to 1199 AD</td>
<td>V</td>
</tr>
<tr>
<td>G</td>
<td>1200 to 1299 AD</td>
<td>W</td>
</tr>
<tr>
<td>H</td>
<td>1300 to 1399 AD</td>
<td>X</td>
</tr>
<tr>
<td>I</td>
<td>1400 to 1499 AD</td>
<td>YA</td>
</tr>
<tr>
<td>J</td>
<td>1500 to 1599 AD</td>
<td>YB</td>
</tr>
<tr>
<td>YC</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>NOTES</th>
<th>LANGUAGE ISOLATE</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Indo-European</td>
</tr>
<tr>
<td>11</td>
<td>Teutonic</td>
</tr>
<tr>
<td>11011</td>
<td>Gothic</td>
</tr>
<tr>
<td>110153</td>
<td>Low Frisian</td>
</tr>
<tr>
<td>110154</td>
<td>Old Frisian</td>
</tr>
<tr>
<td>111</td>
<td>English</td>
</tr>
<tr>
<td>112</td>
<td>Dutch</td>
</tr>
<tr>
<td>113</td>
<td>German</td>
</tr>
<tr>
<td>114</td>
<td>Swedish</td>
</tr>
<tr>
<td>115</td>
<td>Norwegian</td>
</tr>
<tr>
<td>116</td>
<td>Danish</td>
</tr>
<tr>
<td>117</td>
<td>Icelandic</td>
</tr>
<tr>
<td>12</td>
<td>Latin</td>
</tr>
<tr>
<td>121</td>
<td>Italian</td>
</tr>
<tr>
<td>122</td>
<td>French</td>
</tr>
<tr>
<td>123</td>
<td>Spanish</td>
</tr>
<tr>
<td>124</td>
<td>Portuguese</td>
</tr>
<tr>
<td>128</td>
<td>Celtic</td>
</tr>
<tr>
<td>1283</td>
<td>Welsh</td>
</tr>
<tr>
<td>1285</td>
<td>Irish</td>
</tr>
<tr>
<td>1287</td>
<td>Scotch, Gaelic</td>
</tr>
<tr>
<td>13</td>
<td>Greek</td>
</tr>
<tr>
<td>14</td>
<td>Slavonic</td>
</tr>
<tr>
<td>No.</td>
<td>Language</td>
</tr>
<tr>
<td>-----</td>
<td>-------------------</td>
</tr>
<tr>
<td>141</td>
<td>Lethic</td>
</tr>
<tr>
<td>142</td>
<td>Russian</td>
</tr>
<tr>
<td>143</td>
<td>Bulgarian</td>
</tr>
<tr>
<td>144</td>
<td>Illyian</td>
</tr>
<tr>
<td>1441</td>
<td>Slay</td>
</tr>
<tr>
<td>1442</td>
<td>Servian</td>
</tr>
<tr>
<td>145</td>
<td>Polish</td>
</tr>
<tr>
<td>146</td>
<td>Bohemian</td>
</tr>
<tr>
<td>15</td>
<td>Sanskrit</td>
</tr>
<tr>
<td>151</td>
<td>Pali</td>
</tr>
<tr>
<td>1511</td>
<td>Prakrit</td>
</tr>
<tr>
<td>1512</td>
<td>Maharastri</td>
</tr>
<tr>
<td>1516</td>
<td>Ardhamagadhi</td>
</tr>
<tr>
<td>1517</td>
<td>Magadhi</td>
</tr>
<tr>
<td>1518</td>
<td>Apabhramsa</td>
</tr>
<tr>
<td>15198</td>
<td>Sinhalese</td>
</tr>
<tr>
<td>152</td>
<td>Hindi</td>
</tr>
<tr>
<td>153</td>
<td>Panjabi</td>
</tr>
<tr>
<td>154</td>
<td>Kashmiri</td>
</tr>
<tr>
<td>155</td>
<td>Marthi</td>
</tr>
<tr>
<td>156</td>
<td>Gujarati</td>
</tr>
<tr>
<td>157</td>
<td>Bengali</td>
</tr>
<tr>
<td>158</td>
<td>Assamese</td>
</tr>
<tr>
<td>1591</td>
<td>Oriya</td>
</tr>
<tr>
<td>1595</td>
<td>Nepalis</td>
</tr>
</tbody>
</table>

NOTES

1512: Maharastri
1518: Apabhramsa
15198: Sinhalese
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
## LANGUAGE DIVISIONS

<table>
<thead>
<tr>
<th>Code</th>
<th>Language</th>
<th>Code</th>
<th>Language</th>
</tr>
</thead>
<tbody>
<tr>
<td>99M7</td>
<td>Lingualumina</td>
<td>99M87</td>
<td>Esperanto</td>
</tr>
<tr>
<td>99M8</td>
<td>Volapuk</td>
<td>99N</td>
<td>Interlingua 'Latino Sina flex'</td>
</tr>
<tr>
<td>99M84</td>
<td>Blaia Zimondal</td>
<td>99N1</td>
<td>Ido</td>
</tr>
<tr>
<td>99M86</td>
<td>Cabe Aban</td>
<td>99N2</td>
<td>Homi-idyomo</td>
</tr>
</tbody>
</table>

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).
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.

<table>
<thead>
<tr>
<th>Intra-Array</th>
<th>Intra-Facet</th>
<th>Phase</th>
<th>Nature of Relation</th>
</tr>
</thead>
<tbody>
<tr>
<td>t</td>
<td>j</td>
<td>a</td>
<td>General</td>
</tr>
<tr>
<td>u</td>
<td>k</td>
<td>b</td>
<td>Bias</td>
</tr>
<tr>
<td>v</td>
<td>m</td>
<td>c</td>
<td>Comparison</td>
</tr>
<tr>
<td>w</td>
<td>n</td>
<td>d</td>
<td>Difference</td>
</tr>
<tr>
<td>y</td>
<td>r</td>
<td>g</td>
<td>Influencing</td>
</tr>
</tbody>
</table>

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
(The phase that is influenced must come first)
INTRA FACET

Example:

Intra-facet General Relation:
Study of Administration and Technical Treatment in Academic Libraries
23:50 i 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 om 4
(No need to repeat T).

Influence Intra-facet Relation:
Influence of Hinduism on Buddhism = Q4 0r 2

INTRA ARRAY
Royalty compared to slum. Main class = sociology = Y. Royalty Y51, Slum = Y 57. Therefore class no. = Y51 Ov 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
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

- 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
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 of examples of Class Nos. for the Main Class. We will have a brief outline of the various Main Classes given in CC Part-II.

**LIBRARY SCIENCE – 2**


**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
Classification Practice

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

Facet formula for B33 is

\[ B33 \{P\}, \{P^2\} : \{E\} \{2P\} \]

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

\[
\begin{align*}
B &= \text{Mathematics (M.C)} \\
B6 &= \text{Mathematics (M.C), Geometry (C.C)} \\
B6M3 &= \text{Mathematics (M.C), Geometry (C.C), Elliptic (System)} \\
B6M3:4 &= \text{Mathematics (M.C), Geometry (C.C), Elliptic (System)}
\end{align*}
\]

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:
### Classification Practice

**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  
  - D 65, 8(B)
- Telegraphy  
  - D 665, 47
- Specification for the brake of Railway Carriage  
  - D5153, 8 : 5
- Biology of Water Supply  
  - D 85 : (G)
- Hydraulics Theory  
  - D : 15
- Strength of Materials  
  - D : 32
- Construction of Brick Buildings  
  - D 33 : 7
- Television  
  - D65, 45
Electronic Computer D65, 8(B
Transmission of Electricity D66, 2
Design of Electric Lift D66, 71
Construction of Overhead Transmission D66, 21
Wires

**E – CHEMISTRY**

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

[P] – Substance

[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
Classification Practice

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 Algai 122:12.42

**J – AGRICULTURE**

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 Alphabetic 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**

**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
Classification Practice

Notes: Specials and systems in L Medicine.

Examples

<table>
<thead>
<tr>
<th>Notes</th>
<th>Class No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Human Eye</td>
<td>L 185</td>
</tr>
<tr>
<td>Digestive System of Human Body</td>
<td>L 2</td>
</tr>
<tr>
<td>Diseases</td>
<td>L : 4</td>
</tr>
<tr>
<td>Treatment</td>
<td>L : 4 : 6</td>
</tr>
<tr>
<td>Appendicitis Operation</td>
<td>L 27219 : 415 : 7</td>
</tr>
<tr>
<td>Physiology of Eyes</td>
<td>L 185 : 3</td>
</tr>
<tr>
<td>Public Health</td>
<td>L : 5</td>
</tr>
<tr>
<td>System Example:</td>
<td></td>
</tr>
<tr>
<td>Ayurvedic Cure</td>
<td>LB : 4 : 6</td>
</tr>
<tr>
<td>Diagnosis of Disease</td>
<td>L : 4 : 3</td>
</tr>
<tr>
<td>Obstetrics</td>
<td>L 9F : 3</td>
</tr>
</tbody>
</table>

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 special number.

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

LZ – PHARMACOGNOSY

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

Spiritual experience and mysticism A

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

<table>
<thead>
<tr>
<th>Notes</th>
<th>Class No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cotton spinning</td>
<td>M 71 : 2</td>
</tr>
<tr>
<td>Jute carding</td>
<td>MJ 75 : 13</td>
</tr>
</tbody>
</table>
Silk Weaving M 73 : 7
Photography M95
Packaging M98
Home Science MA
Leather Industry in Kanpur M97 : 445236

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.

<table>
<thead>
<tr>
<th>[P]</th>
<th>- Region</th>
</tr>
</thead>
<tbody>
<tr>
<td>[P2]</td>
<td>- Epoch</td>
</tr>
<tr>
<td>[P], [P2]</td>
<td>- Style</td>
</tr>
</tbody>
</table>

Examples

- History of Indian Architecture NA, 44v
- Indian Temples NA 44, 9(Q)
- Art and Architecture of Egypt NA 677
- Indian Distemper Fesco 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
### Classification Practice

<table>
<thead>
<tr>
<th>Category</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>English fiction</td>
<td>O111, 3</td>
</tr>
<tr>
<td>Love in English Poetry</td>
<td>O111, 1: g(S: 55)</td>
</tr>
<tr>
<td>Tamil Drama</td>
<td>O31,2</td>
</tr>
<tr>
<td>Sanskrit Literature</td>
<td>O15</td>
</tr>
<tr>
<td>Criticism of Hindi Essays</td>
<td>O152,6:g</td>
</tr>
<tr>
<td>Criticism of Shakespeare</td>
<td>O111,2J64:g</td>
</tr>
<tr>
<td>Essays of Subramania Bharathi</td>
<td>O 31,6M82x</td>
</tr>
<tr>
<td>(born 1882)</td>
<td></td>
</tr>
<tr>
<td>Poems (born 1924)</td>
<td></td>
</tr>
<tr>
<td>Thirukkural</td>
<td>O31,1C5</td>
</tr>
</tbody>
</table>

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 Tulsidas O152, 1J34w (Tulsidas 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
Facet Formula is Q [P] : [E] [2P]
Foci in [P] - Religion
[E] cum [2P] - Problem
Examples
Hinduism (Vedic) Q1
Hinduism (Post-Vedic) Q2
Christianity Q6
Muhammadanism (Islam) Q7
Preaching of Buddha Q4:51
Post-Vedic Upanishads Q 2:24
Muslim Tradition Q 7:26
Buddha Q4:33
Christian Workship Q 6: 445
Rebirth according to Jainism Q 3: 336

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
Christian Ethics R 4, (Q6)
Hindu Ethics R : (Q6)
Symbolic Logic R14
S – PSYCHOLOGY

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

   Therefore S : 7

2) Clinical – Psychology of aging S38:86


   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 SS5 : 526

S - psychology (M.C)

SS5 - psychology (M.C), Female [P]

SS5 : 526 - psychology (M.C), Female [P], Fear [E]

T – EDUCATION

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

Foci in [P] - Educand

[E] - Problem
Examples

1) Story Method of Teaching Pre-school Children: Class number T13 : 393
   - Education (M.C)
   - Education (M.C), pre-school child [P]
   - Education (M.C), pre-school child [P], Teaching Technique [E]
   - 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
   - Education (M.C)
   - Education (M.C), post-graduate [P]
   - Education (M.C), post-graduate [P], Teaching Technique [E]
   - Education (M.C), post-graduate [P], Teaching Technique [E], Economics [2P]
   - 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)
   - Education (M.C)
   - Education (M.C), Basic (system by C.D)
   - Education (M.C), Basic (system by C.D), elementary [P]
   - Education (M.C), Basic (system by C.D), elementary [P], Teaching technique [E]

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
Classification Practice

U – GEOGRAPHY

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

Foci in [P] includes mathematical geography, physical geography, bio-graphy, anthropo-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] 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

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
Classification Practice

X – ECONOMICS

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

Foci in [P] - Business

[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]
   [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]


2) Poverty of working class - Y49 : 434
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

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, 40j 5
7) Difference between immovable and movable property - Z45222, 83, 7,
      N75
EXERCISES

Exercise I: MAIN CLASS + [P]

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

ANSWERS

1. 222
2. 268
3. 24(X81)
4. K9958
5. KZ5541
6. L32
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
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
2. 221:3
3. 2:55
4. 242:97
5. B37:1M
6. B6:3
7. B9:6
8. B7:1
9. B7:55
10. B9:17

28. I:564
29. J31:4
30. J382:2
31. K96:58
32. K:5637
33. KZ331:1
34. L:13
35. L4:4
36. L:57
37. V:8627
Classification Practice

NOTES

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. T:4:6
20. E:33 47. V44:2
22. E161:5 49. V44134:71
24. G:33 51. X:89Q8
25. G12:2 52. X:958
26. G2 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

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.

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 or 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

It is easier and quicker to go through Index i.e. Vol.3. See the word ‘Classification’ as in 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 within [ ] 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
Therefore Philosophy of library relations is to be assigned the No. 021.001.

**Without instructions**

Philosophy of library classification

025.42 + 01 = 025.4201

**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 Zeros or a division ending with one zero, delete the 2 zeros 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

<table>
<thead>
<tr>
<th>No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>and its sub-divisions stand for various zones, land and land formations like is islands, Mountains etc.,</td>
</tr>
<tr>
<td>2</td>
<td>Persons regardless of area, region, place</td>
</tr>
<tr>
<td>3</td>
<td>Ancient world</td>
</tr>
<tr>
<td>4-9</td>
<td>Modern world</td>
</tr>
</tbody>
</table>

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.
- Libraries in India
  27.0 + 54 = 027.54
- Elementary School in India
  72.9 + 54 = 372.954
- Higher Education in Tamil Nadu
  78 + 5482 = 378.5482

Use of Areas notation through – 09 ss:

In Table 1 Standard sub-division -09 of ss is a very 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

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 + 58 = 894.81111790358
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)
Classification Practice

<table>
<thead>
<tr>
<th>Class No.</th>
<th>891.4315 = 19th Century Hindi Poetry</th>
</tr>
</thead>
</table>

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 if 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 = 51.5
- **Hindi dialects** 491.43 + 8 = 491.438

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

<table>
<thead>
<tr>
<th>Example</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tamil Dictionary</td>
<td>494.811 + 3 = 494.8113</td>
</tr>
<tr>
<td>Tamil Telugu Dictionary</td>
<td>494.827 + 3 + 94811 = 494.827 3 94811</td>
</tr>
</tbody>
</table>

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.

<table>
<thead>
<tr>
<th>Example</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tamil English Dictionary</td>
<td>42 + 3 + 94811 = 423.94811</td>
</tr>
</tbody>
</table>
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 (Table 1) -174(Table 2) -8 (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)
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**

- **-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**

\[ 510 + 024 \text{ (From Table 1)} + 62 = 510.2462 \]

**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 (last zero omitted)

Libraries Law

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

Medial Libraries 026.61
Libraries Medicine

Examples

Museums for archeology
069.9 + 930 = 069.9301

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
331.124 + 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.
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 a 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 identifies 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 harvesting. 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 use all the subdivisions of 581 to almost all the class Numbers from 592 to 599 through facet indicator either 0 or 04.
DEWEY DECIMAL CLASSIFICATION

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
Classification Practice

Persons occupied with library and information science (Table 7)

Base No. Table 7

Class Number 174.9092

Title: Medical 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
Classification Practice

Title: Teaching of labour laws in Indian Universities
344 Social law
.01 Labour

NOTES
.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

-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

<table>
<thead>
<tr>
<th>Base No.</th>
<th>Country emphasized (Table 2)</th>
<th>Add</th>
<th>Another Country (Table 2)</th>
</tr>
</thead>
<tbody>
<tr>
<td>382.9</td>
<td>-54</td>
<td>0</td>
<td>-44</td>
</tr>
</tbody>
</table>

Class Number: 382.954044

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

<table>
<thead>
<tr>
<th>Base No.</th>
<th>Assistance by USSR (Table 2)</th>
<th>Add</th>
<th>Assistance to India (Table 2)</th>
</tr>
</thead>
<tbody>
<tr>
<td>339.91</td>
<td>-47</td>
<td>0</td>
<td>-54</td>
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</tbody>
</table>

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
-54  India (Table 2)

<table>
<thead>
<tr>
<th>Base No.</th>
<th>Table 1</th>
<th>Table 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>331.4</td>
<td>-09</td>
<td>-54</td>
</tr>
</tbody>
</table>

Class Number: 331.40954
Title: Prices of nuts fruits
338.133-.138 Prices of specific products
Add to base number 338.13 the numbers following 63 i
633-638
634.45 Nuts fruits
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 535.322-535.335  
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
Classification Practice

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 (19th ed.) 042
618.9200 (18th ed.) [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
124 [090] 24 15th century (Table 1)
Class Number 739.227024

Title: Early 20th century Punjabi fiction
891.42 *Punjabi
### Table 3 -3 Fiction

| Fiction of specific periods | Add 0-3 the notations from the period table for the specific literature |

### Table 3 -2 Drama

<table>
<thead>
<tr>
<th>Standard Subdivisions</th>
<th>Add to -200 the numbers following -100 in 1001-1009</th>
</tr>
</thead>
<tbody>
<tr>
<td>-1 Poetry</td>
<td></td>
</tr>
<tr>
<td>-1008 Collections</td>
<td></td>
</tr>
</tbody>
</table>

### Table 3 -2 Collections

<table>
<thead>
<tr>
<th>Collections from specific periods</th>
<th>Add to base number 808.800 the numbers following 090 in “Standard Subdivisions” notation 0901-0905 From Table 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>-09034 19th century (Table 1)</td>
<td></td>
</tr>
</tbody>
</table>

### Table 3 -2 Collections

<table>
<thead>
<tr>
<th>Collections from specific periods</th>
<th>Add to base number 808.800 the numbers following 090 in “Standard Subdivisions” notation 0901-0905 From Table 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>-09034 19th century (Table 1)</td>
<td></td>
</tr>
</tbody>
</table>

### Notes

**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 |
<table>
<thead>
<tr>
<th></th>
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<tbody>
<tr>
<td>Fiction</td>
<td>Period</td>
<td></td>
</tr>
<tr>
<td>891.42</td>
<td>-3</td>
<td>5</td>
</tr>
</tbody>
</table>

Class Number 891.4235

Title: Collections of Punjabi drama

891.42 *Punjabi

Table 3 -2 Drama

-3001-2009 Standard Subdivisions

-1 Poetry

-1008 Collections ….

Base No. | Table 3 | Collections |
<table>
<thead>
<tr>
<th></th>
<th></th>
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</thead>
<tbody>
<tr>
<td>Drama</td>
<td>add numbers following -100</td>
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<tr>
<td>891.42</td>
<td>-2</td>
<td>-[100]8</td>
</tr>
</tbody>
</table>

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 |
<table>
<thead>
<tr>
<th></th>
<th></th>
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<tbody>
<tr>
<td>808.00</td>
<td>[090] 34</td>
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</table>

Class Number 808.0034
<table>
<thead>
<tr>
<th>Title</th>
<th>Classification</th>
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</thead>
<tbody>
<tr>
<td>Art of writing poetry for children</td>
<td>808.06 Rhetoric of specific kinds of composition</td>
</tr>
<tr>
<td></td>
<td>.068 Children’s literature</td>
</tr>
<tr>
<td></td>
<td>.0681-.0687 Specific literary forms</td>
</tr>
<tr>
<td></td>
<td>Add to base number 808.068 the number following, 808 in 808.1-808.7</td>
</tr>
<tr>
<td></td>
<td>808.1 Rhetoric of poetry</td>
</tr>
<tr>
<td></td>
<td>Base No. Add numbers following 808</td>
</tr>
<tr>
<td></td>
<td>808.068 [808].1</td>
</tr>
<tr>
<td></td>
<td>Class Number 808.0681</td>
</tr>
<tr>
<td>Research on literary criticism in India</td>
<td>801.95 Criticism</td>
</tr>
<tr>
<td></td>
<td>.9501-.9509 Standard subdivisions</td>
</tr>
<tr>
<td></td>
<td>Table 1 -072 Research</td>
</tr>
<tr>
<td></td>
<td>-07201-09 Geographical treatment</td>
</tr>
<tr>
<td></td>
<td>Add “Areas” notation 1-9 from Table 2 to base no.-0720</td>
</tr>
<tr>
<td></td>
<td>Base No. Table 1 Table 2</td>
</tr>
<tr>
<td></td>
<td>801.95 -0720 -54</td>
</tr>
<tr>
<td></td>
<td>Class Number 801.95072054</td>
</tr>
<tr>
<td>Biographies of Sanskrit poets</td>
<td>891.2 *Sanskrit</td>
</tr>
<tr>
<td></td>
<td>Table 3 -1 Poetry</td>
</tr>
<tr>
<td></td>
<td>-1009 History, description …..</td>
</tr>
<tr>
<td></td>
<td>Class here biography of poets of more than one period</td>
</tr>
<tr>
<td></td>
<td>Class Number 891.21009</td>
</tr>
<tr>
<td>Research on Hindi poetry</td>
<td>891.43 *Hindi</td>
</tr>
<tr>
<td></td>
<td>Table 3 -1 Poetry</td>
</tr>
<tr>
<td></td>
<td>-1001-1007 Standard subdivisions</td>
</tr>
<tr>
<td></td>
<td>Notations from Table 1</td>
</tr>
<tr>
<td></td>
<td>Table 1 -072 Research</td>
</tr>
<tr>
<td></td>
<td>Class Number 891.4310072</td>
</tr>
</tbody>
</table>
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 Table 1
-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
<table>
<thead>
<tr>
<th>Base No.</th>
<th>Table 5</th>
<th>Add zero</th>
<th>Table 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>910.032</td>
<td>-11</td>
<td>0</td>
<td>-5</td>
</tr>
</tbody>
</table>

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 Add numbers from (Table 2) 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
Classification Practice

### STANDARD SUB DIVISIONS

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>History of Architecture in India</td>
</tr>
<tr>
<td>2.</td>
<td>Inventions in Organic Chemistry</td>
</tr>
<tr>
<td>3.</td>
<td>Teaching of History in Secondary Schools in India</td>
</tr>
<tr>
<td>4.</td>
<td>Statistics for Libraries</td>
</tr>
<tr>
<td>5.</td>
<td>Theory of Chemistry</td>
</tr>
<tr>
<td>6.</td>
<td>Election Law of India</td>
</tr>
<tr>
<td>7.</td>
<td>Mathematical Symbols</td>
</tr>
<tr>
<td>8.</td>
<td>History of Arts</td>
</tr>
<tr>
<td>9.</td>
<td>Research in Chemical Technology</td>
</tr>
<tr>
<td>10.</td>
<td>Experimental Physics</td>
</tr>
<tr>
<td>11.</td>
<td>Dictionary of Accountancy</td>
</tr>
</tbody>
</table>

### AREA

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
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<tbody>
<tr>
<td>1.</td>
<td>National Songs of European Countries</td>
</tr>
<tr>
<td>2.</td>
<td>Physical Geography of Tamil Nadu</td>
</tr>
<tr>
<td>3.</td>
<td>Biography of Zoologists</td>
</tr>
<tr>
<td>4.</td>
<td>Biography of Dr. S.R. Ranganathan</td>
</tr>
<tr>
<td>5.</td>
<td>Biography of Dr. Mu. Va</td>
</tr>
<tr>
<td>6.</td>
<td>College Libraries in Tamil Nadu</td>
</tr>
<tr>
<td>7.</td>
<td>Hunting in tropical areas of India</td>
</tr>
<tr>
<td>8.</td>
<td>Foreign Policy of India</td>
</tr>
<tr>
<td>9.</td>
<td>India’s Economic Aid to Ceylon</td>
</tr>
<tr>
<td>10.</td>
<td>India trade agreement with America</td>
</tr>
</tbody>
</table>

### Time

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
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<tbody>
<tr>
<td>1.</td>
<td>Wages during 1400-1500</td>
</tr>
<tr>
<td>2.</td>
<td>Engineering and allied operations in 1930-1940</td>
</tr>
<tr>
<td>3.</td>
<td>Agriculture in India in 20th century</td>
</tr>
<tr>
<td>4.</td>
<td>Economic conditions of India in 20th century</td>
</tr>
<tr>
<td>6.</td>
<td>Indian History in Gupta Period</td>
</tr>
<tr>
<td>7.</td>
<td>Tamil Literature in 1920-1940</td>
</tr>
<tr>
<td>8.</td>
<td>Horse races in Tamil Nadu in 1972</td>
</tr>
<tr>
<td>9.</td>
<td>Tamil Literature in 1920-1940</td>
</tr>
</tbody>
</table>
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]
### Classification Practice

30. Mars [521.543]
31. Variable Stars [521.584]
32. Cosmic rays [523.0197223]

### NOTES

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 | General serial publication |
| 050 | 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 & |
### Classification Practice

<table>
<thead>
<tr>
<th>Sects</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>090</td>
<td>Manuscript &amp; book rarities</td>
</tr>
<tr>
<td>100</td>
<td>Philosophy &amp; related disciplines</td>
</tr>
<tr>
<td>110</td>
<td>Metaphysics</td>
</tr>
<tr>
<td>120</td>
<td>Epistemology, causation, humankind</td>
</tr>
<tr>
<td>130</td>
<td>Paranormal phenomena &amp; arts</td>
</tr>
<tr>
<td>140</td>
<td>Specific philosophical viewpoints</td>
</tr>
<tr>
<td>150</td>
<td>Psychology</td>
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<tr>
<td>160</td>
<td>Logic</td>
</tr>
<tr>
<td>170</td>
<td>Ethics (Moral philosophy)</td>
</tr>
<tr>
<td>180</td>
<td>Ancient, Medieval, Oriental</td>
</tr>
<tr>
<td>190</td>
<td>Modern Western philosophy</td>
</tr>
<tr>
<td>200</td>
<td>Religion</td>
</tr>
<tr>
<td>410</td>
<td>Linguistics</td>
</tr>
<tr>
<td>420</td>
<td>English &amp; Anglo-Saxon languages</td>
</tr>
<tr>
<td>430</td>
<td>Germanic languages German</td>
</tr>
<tr>
<td>440</td>
<td>Romance languages French</td>
</tr>
<tr>
<td>450</td>
<td>Italian, Romanian, Rhaeto-Romanic</td>
</tr>
<tr>
<td>460</td>
<td>Spanish &amp; Portuguese languages</td>
</tr>
<tr>
<td>470</td>
<td>Italic languages Latin</td>
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<tr>
<td>480</td>
<td>Hellenic Classical Greek</td>
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<tr>
<td>490</td>
<td>Other languages</td>
</tr>
<tr>
<td>500</td>
<td>Pure sciences</td>
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<tr>
<td>510</td>
<td>Mathematics</td>
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<tr>
<td>520</td>
<td>Astronomy &amp; allied sciences</td>
</tr>
<tr>
<td>530</td>
<td>Physics</td>
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<tr>
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<td>Chemistry &amp; allied sciences</td>
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<tr>
<td>550</td>
<td>Sciences of earth &amp; other worlds</td>
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<tr>
<td>560</td>
<td>Paleontology</td>
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<tr>
<td>570</td>
<td>Life sciences</td>
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<td>580</td>
<td>Botanical sciences</td>
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<tr>
<td>590</td>
<td>Zoological sciences</td>
</tr>
<tr>
<td>650</td>
<td>Other &amp; comparative religions</td>
</tr>
</tbody>
</table>

### NOTES

- 300 Social sciences
- 310 Statistics
- 320 Political science
- 330 Economics
- 340 Law
- 350 Public administration
- 360 Social problem & services
- 370 Education
- 380 Commerce (Trade)
- 390 Customs, etiquette, folklore
- 400 Language
- 710 Civic & landscape art
- 720 Architecture
- 730 Plastic arts Sculpture
- 740 Drawing, decorative & minor arts
- 750 Painting & paintings
- 760 Graphic arts Prints
- 770 Photography & photographs
- 780 Music
- 790 Recreational & performing arts
- 800 Literature (Belles-lettres)
- 810 American literature in English
- 820 English & Anglo-Saxon literatures
- 830 Literatures of Germanic languages
- 840 Literatures of Romance languages
- 850 Italian, Romanian, Rhaeto-Romanic literatures
- 860 Spanish & Portuguese literatures
- 870 Italic literatures Latin
- 880 Hellenic literatures Greek
- 890 Literatures of other languages
### Classification Practice

| 600 Technology (Applied sciences) | 900 General geography & history |
| 610 Medical sciences               | 910 General geography & Travel |
| 620 Engineering & allied operations| 920 General biography & genealogy|

### NOTES

| 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**

<p>| 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 &amp; Portuguese    |
| 007                                 | 057 In Slavic languages        |
| 008                                 | 058 In Scandinavian languages  |
| 009                                 | 059 In other languages         |
| 010 Bibliography                    | 060 General organizations &amp; 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 &amp; pseudonymous works| 064 In France &amp; Monaco        |
| 015 Of works from specific places   | 065 In Italy &amp; adjacent territories|
| 016 Subject bibliographies &amp; catalogs| 066 In Iberian Peninsula &amp; adjacent islands|
| 017 General subject catalogs        | 067 In eastern Europe          |
| 018 Author &amp; date catalogs          | 068 In other areas             |
| 019 Dictionary catalogs             | 069 Muscology (Muscum science) |
| 020 Library &amp; information sciences  | 070 Journalism, publishing newspapers|
| 021 Library relationships           | 071 In North America           |
| 022 Physical plant                  | 072 In British Isles           |
| 023 Personnel &amp; positions           | 073 In central Europe          |</p>
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| 538 | Magnetism |
| 539 | Modern physics |
| 540 | Chemistry &amp; allied sciences |
| 541 | Physical &amp; theoretical chemistry |
| 542 | Laboratories, apparatus, equipment |
| 543 | Analytical chemistry |
| 544 | Qualitative chemistry |
| 545 | Quantitative chemistry |
| 546 | Inorganic chemistry |
| 547 | Organic chemistry |
| 548 | Crystallography |
| 549 | Mineralogy |
| 600 | Technology (Applied sciences) |
| 601 | Philosophy &amp; theory |
| 602 | Miscellany |
| 603 | Dictionaries &amp; encyclopedias |
| 604 | General technologies |
| 605 | Serial publications |
| 606 | Organizations &amp; management |
| 607 | Study &amp; teaching |
| 608 | Invention &amp; patent |
| 609 | Historical &amp; geographical treatment |
| 610 | Medical sciences Medicine |
| 611 | Human anatomy, cytology, tissues |
| 612 | Human physiology |
| 613 | General &amp; personal hygiene |
| 614 | Public health &amp; related topics |
| 615 | Pharmacology &amp; therapeutics |
| 616 | Diseases |
| 617 | Surgery &amp; related topics |
| 576 | Microbes |
| 577 | General nature of life |
| 578 | Microscopy in biology |
| 579 | Collection &amp; preservation of specimen |
| 580 | Botanical sciences |
| 581 | Botany |
| 582 | Spermatophyta |
| 583 | Dicotyledones |
| 584 | Monocotyledons |
| 585 | Gymnospermae |
| 586 | Cryptogamia |
| 587 | Pteridophyta |
| 588 | Bryophyta |
| 589 | Thallophyta |
| 590 | Zoologicl sciences |
| 591 | Zoology |
| 592 | Invertebrates |
| 593 | Protozoa &amp; other simple animals |
| 594 | Mollusca &amp; molluscoidea |
| 595 | Other invertebrates |
| 596 | Chordata |
| 597 | Cold-blooded vertebrates |
| 598 | Aves (Birds) |
| 599 | Mammalia (Mammals) |
| 650 | Management &amp; auxiliary services |
| 651 | Office services |
| 652 | Written communication processes |
| 653 | Shorthand |
| 654 | Accounting |
| 655 | General management |
| 656 | Advertising &amp; public relations |
| 657 | Chemical &amp; related technologies |
| 658 | Industrial chemicals |
| 659 | Explosives, fuels, related products |
| 660 | Beverage technology |
| 661 | Food technology |
| 662 | Industrial oils, fats, waxes, gases |
| 663 | Ceramic &amp; allied technologies |
| 664 | Cleaning, color, other technologies |</p>
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Classification Practice

NOTES

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 & Antarctica
949 Other parts of Europe  999 Extraterrestrial worlds

BLIS DEGREE EXAMINATION MAY 2003

Paper VII Classification Practice

PART A

Classify the following Titles according to CC 6th Edn.

A copy of the 6th Edn. 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  
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. Indian Journal of Physics (Started in 1967)  
3. Montessori Schools in Kerala  
4. Small Scale Industry

V. Answer any ONE

PART-B
Classify the following Titles according to Dewey Decimal Classification – 19th Edn.  

A copy of DC 19th Ed is available for reference

I.
1. Music  
2. Geometry  
3. Religion  
4. Technology

II.
1. Public Administration  
2. Macro Economics  
3. Hellenic Languages  
4. Bible
Classification Practice
5. General Geography
6. Higher Education
7. Library & information science

NOTES
8. Analytical Chemistry
9. Animal Husbandry
10. Photography

III. Answer any THREE
1. Tamil English Dictionary 3 × 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 × 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 × 7 = 7
2. Painting as a hobby of Asia & Europe in 18th century