UNIT 5  STUDY OF TABLES AND SCHEDULES

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5.0  OBJECTIVES

In this Unit we introduce you to the Tables and Schedules of Dewey Decimal Classification (DDC), 19th Edition. You have to use the Tables very frequently along with the Schedules for building a Class Number.

After reading this Unit, you will be able to:

• understand the nature and utility of the seven (auxiliary) tables;
• apply these tables for synthesis or the number-building process;
• understand the main classes and their divisions and sub-divisions represented in the schedules;
• apply the instructions and guidelines provided at various points in the schedules;
  and
• build class numbers for titles falling under various branches of main classes using notation from tables and schedules.
5.1 INTRODUCTION

You have been already introduced to the structure, features and characteristics of DDC (19th Edition) in Block 1, Units 1-4. This Unit familiarises you with the Seven Auxiliary Tables, viz., T1 Standard Subdivisions, T2 Areas, T3 Subdivisions of Individual Literatures, T4 Subdivisions of Individual Languages, T5 Racial, Ethnic, National Groups, T6 Languages and T7 Persons. This Unit also brings to your attention important aspects and summary of schedules representing important divisions of the universe of subjects (000-999) and their use in synthesis or the number-building process.

5.2 TABLES

A table has been defined as “a sequence of dependant notation indicating various special concepts used repeatedly with a variety of subjects and disciplines”. There are seven auxiliary tables listed in this section, which support the schedules. The use of these seven tables in the number building process is presented in the following subsections with suitable worked out examples.

5.2.1 Table 1: Standard Subdivisions

Table 1 is very frequently used in DDC. The dash or hyphen (-) preceding each number never stands alone. The hyphen (-) is omitted when you add a specific number from Table 1 to the base number from the Schedules.

Examples

Title: Study and teaching of library classification

Class Number: 025.420 7

| Analysis: |
|-----------------|-----------------------------|
| 020 = Library and Information Science |
| 025.42 = Library classification |
| -07 (Table 1) = Study and teaching |

Synthesis:

025.42 + -07 = 025.420 7

Title: Formula in Physics

Class Number: 530.212

Analysis:

530 = Physics

-0212 (Table 1) = Formulas

Synthesis:

530 + -0212

53 + -0212 = 530.212

Title: Market research in silk textiles

Class Number: 677.390 688
Analysis:

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>677.39</td>
<td>= Silk textiles</td>
</tr>
<tr>
<td>-0688 (Table 1)</td>
<td>= Market research</td>
</tr>
</tbody>
</table>

Synthesis:

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>677.39 + -0688</td>
<td>= 677.390 688</td>
</tr>
</tbody>
</table>

Self-Check Exercise

Note:  

i) Write your answers in the space given below.

ii) Check your answers with the answers given at the end of this Unit.

1) Assign class numbers to the following titles:

   a) Scientific principles in chemistry
   b) Serial publications in astronomy
   c) Correspondence courses in public administration
   d) International organisations in trade
   e) History of philosophy

5.2.2 Table 2: Areas

Table 2 is also one of the important and frequently used tables in DDC for synthesising a class number. Table 2 includes areas, regions, places in general (-1), which include physiographical features, population clusters, political and economic groups. It also includes persons in general (-2), ancient world (-3) and modern world (-4 and -9). In DDC 18th Edition (1971), “Divide like” instruction was replaced by “Add to” from Schedules spans and “Add from” Tables. You will find in DDC-19th Edition “Add to” instruction at several places in the Tables and Schedules for the use of area subdivisions from Table 2 to the base number.

Take for example

327.3 –.9 = Foreign policies and foreign relations between specific nations

Add “Areas” notation 3-9 from Table 2 to base number 327, e.g., Foreign Policy of United Kingdom 327.41 (Table 2).

Examples

Title: Buddhist religious sects and reform movements in Japan

Class Number: 294.390 952
Analysis:
294.39 = Buddhist sects and reform movements
-09 (Table 1) = Historical and geographical treatment
-52 (Table 2) = Japan

Synthesis:
294.39 + - 09 + - 52 = 294.390952

Title: Elementary education in India
Class Number: 372.954

Analysis:
372 = Elementary education
372.91 - .99 = Geographical treatment

(Add “Areas” notation 1-9 from Table 2 to base number 372.9)
-54 (Table 2) = India

Synthesis:
372.9 + - 54 = 372.954

Title: Geography of the USA
Class Number: 917.3

Analysis:
910 = General Geography
-73 (Table 2) = USA

Synthesis:
910 + - 73
91 + -73 = 917.3

Self-Check Exercise

Note: i) Write your answers in the space given below.

ii) Check your answers with the answers given at the end of this Unit.

2) Assign class numbers to the following titles:
   a) University libraries in UK
   b) Birds of Burma
   c) Economic conditions in Nepal
   d) Geography of Brazil
   e) Foreign policy of China
5.2.3 Table 3: Subdivisions of Individual Literatures

The subdivisions under Table 3 consist of specific literary forms -1 to -7, miscellaneous writing -8, and specific periods -81 to -89. The notation from Table 3 is never used alone but may be used as required with the base number for individual literature identified by * under 810 4890 (schedules). Tables 3 is followed and supplemented by Table 3-A which provides additional elements for building numbers with Table 3.

Examples

Title: Idealism in English poetry
Class Number: 821.13

<table>
<thead>
<tr>
<th>Analysis:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>820</td>
<td>= English literature</td>
</tr>
<tr>
<td>-1 (Table 3)</td>
<td>= Poetry</td>
</tr>
<tr>
<td>13 (Table 3-A)</td>
<td>= Idealism</td>
</tr>
</tbody>
</table>

Synthesis:

\[
820 + -1 + 13 = 821.13
\]

Title: German short stories
Class Number: 833.01

<table>
<thead>
<tr>
<th>Analysis:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>830</td>
<td>= German literature</td>
</tr>
<tr>
<td>-301 (Table 3)</td>
<td>= Short stories</td>
</tr>
</tbody>
</table>

Synthesis:

\[
830 + -301 = 833.01
\]

Title: Critical appraisal of Telugu poetry
Class Number: 894.827 109

<table>
<thead>
<tr>
<th>Analysis:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>894.827</td>
<td>= Telugu literature</td>
</tr>
<tr>
<td>-1 (Table 3)</td>
<td>= Poetry</td>
</tr>
<tr>
<td>-09 (Table 3)</td>
<td>= Critical appraisal</td>
</tr>
</tbody>
</table>

Synthesis:

\[
894.827 + -1 + -09 = 894.827 109
\]
5.2.4 Table 4: Subdivisions of Individual Languages

Table 4 Subdivisions of Individual Languages is never used alone, but may be used as required with the base numbers for individual languages identified by * asterisk under 420 - 490 in the schedule.

Examples

Title: French grammar
Class Number: 445

| Analysis: 
| 440 = French language 
| -5 (Table 4) = Grammar |

| Synthesis: 
| 440 + -5 
| 44 + -5 = 445 |

Title: English words in Hindi
Class Number: 491.432 421

| Analysis: 
| 491.43 = Hindi language 
| -24 (Table 4) = Foreign elements(Add “Languages” notation 1-9 from Table 6 to -24) 
| -21 (Table 6) = English |

| Synthesis: 
| 491.43 + -24+ -21 = 491.432 421 |

Title: German French dictionary
Class Number: 433.31

| Analysis: 
| 430 = German language 
| -3 (Table 4) = Dictionary 
| -31 (Table 6) = French language |

| Synthesis: 
| 430 + -3 + -31 
| 43 + -3 + -31 = 433.31 |

5.2.5 Table 6: Languages

Table 6 Languages never used alone, but may be used with those numbers from the schedules and other tables to which the classifier is instructed to add notation from Table 6. The use of this table is mostly confined to the main classes, 400 Language and 800 Literature.
Examples

Title: Bengali language encyclopaedias
Class Number: 039.914 4

Analysis:

039 = Encyclopedias in other languages
     (Add “Languages” notation 2-9 from Table 6 to base number 039)

-9144 (Table 6) = Bengali language

Synthesis:

039 + -9144 = 039.914 4

Title: Bible in Malayalam
Class Number: 220.594 812

Analysis:

220.5 = Modern versions and translations of the Bible
220.53 -.59 In other languages
     (Add “Languages” notation 3-9 from Table 6 to base number 220.5)

-94812 (Table 6) = Malayalam

Synthesis:

220.5 +.-94812 = 220.594 812

Title: Social status of Nepalis
Class Number: 305.791 49

Analysis:

305.7 = Social status of language groups
     (Add “Languages” notation 1-9 from Table 6 to base number 305.7)

- 9149 (Table 6) = Nepali

Synthesis:

305.7 +.- 9149 = 305.791 49

Self-Check Exercise

Note: i) Write your answers in the space given below.
     ii) Check your answers with the answers given at the end of this Unit.

3) Assign class numbers to the following titles:
   a) French rhetoric
   b) Technical writing in Russian
   c) Collection of letters of social themes.
5.2.6 Tables 5: Racial, Ethnic, National Groups

The notation in this Table is never used alone but may be used as required either directly or with “Add to” instruction or through the interposition of notation -089 from Table 1, with any number from Schedules.

Examples

Title: Religion of Bantus

Class Number: 299.683

Analysis:

<table>
<thead>
<tr>
<th>299.6</th>
<th>=</th>
<th>Religion of Black African and Negro Origin</th>
</tr>
</thead>
<tbody>
<tr>
<td>299.68</td>
<td>=</td>
<td>Of specific groups and tribes</td>
</tr>
</tbody>
</table>

(Add to base number 299.68 the numbers following 96 in Racial, Ethnic, National Groups” notation 961 - 969 from Table 5).

- 963 (Table 5) = Bantus

Synthesis:

299.68 + - 963

299.68 + 3 = 299.683

Title: Japanese cooking

Class Number: 641.592 956

Analysis:

<table>
<thead>
<tr>
<th>641.592</th>
<th>=</th>
<th>Ethnic cookery</th>
</tr>
</thead>
</table>

(Add “Racial, Ethnic, National Groups” notation 03 – 99 from Table 5 to base number 641. 592).

- 956 (Table 5) = Japanese

Synthesis:

641.592 + - 956 = 641. 592 956
Title: North American native races
Class Number: 572.897

Analysis:
572 = Human races
572.8 = Specific human races
(Add “Racial, Ethnic, National Groups” notation 01–99 from Table 5 to base number 572.8)
-97 (Table 5) = North American Native races

Synthesis:
572.8 + -97 = 572.897

5.2.7 Table 7: Persons

The notation from Table 7 Persons is never used alone, but may be used as required with any appropriate number from the schedules with “Add to” instruction or through interposition of notation -024 from Table 1.

Examples

Title: Hindu religious groups in South Africa
Class Number: 305.6945068

Analysis:
305.6 = Religious groups- (Add to base number 305.6 the numbers following 2 in Persons’ notation 21-29 from Table 7, then add 0 and to the result add “Areas” notation 1-9 from Table 2)
-2945 (Table 7) = Hindus
0 (Zero, Vol. 2, p.206) = Facet Indicator
-68 (Table 2) = South Africa

Synthesis:
305.6 + -2945 + 0 + -68
305.6 + -945 + 0 + -68 = 305.6945068

Title: Custom of doctors
Class Number: 390.461

Analysis:
390.4 = Customs of people of various specific occupations
(Add “Persons” notation 09-99 from Table 7 to the base number 390.4)
-61 (Table 7) = Doctors

Synthesis:
390.4 + -61 = 390.461
Analysis:

150 = Psychology

-024 (Table 1) = Works for specific types of users

(Add “Persons” notation 03-99 from Table 7 to the base number -024)

-372 (Table 7) = Teachers

Synthesis:

150 + -024 + -372

15 + -024 + -372 = 150.243 72

Self-Check Exercise

Note:  
i) Write your answers in the space given below.

ii) Check your answers with the answers given at the end of this Unit.

4) Assign class numbers to the following titles:

a) Religion of Nigerians
b) Social status of Koreans
c) Buddhist religious groups
d) Custom of lawyers
e) Psychology books for doctors

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5.3 SCHEDULES

In the preceding sections and sub-sections you have been introduced to the seven auxiliary Tables (1-7) and the number-building process with suitable worked out examples. In the following sections and sub-sections you will be introduced to Schedules, i.e., the main classes and their divisions. The worked out examples under each Main Class will give an idea as to the nature of the titles and the need for following “Add to” instructions to be found at various points in the Schedules to build appropriate Class Numbers.

5.3.1 Generalities 000

The schedule of this Main Class not only deals with general aspects of knowledge but also some specific disciplines/subject fields such as Bibliography 010, Library and Information Sciences 020, Museology 060, Journalism, Publishing, Newspapers 070 and Book Rarities 090. This class is also known as the hold-all class. The second and
third summaries in DDC, Vol. 1, will provide you an idea of the divisions and sections of this Main Class. The following worked out examples cover some of the important divisions of this Main Class.

**Examples:**

**Title:** British National Bibliography  
Class Number: 015.41

<table>
<thead>
<tr>
<th>Analysis:</th>
<th></th>
<th></th>
</tr>
</thead>
</table>
| 015       | = Bibliographies from specific places  
(Add “Areas” notation 1-9 from Table 2 to base number 015) |          |
| -41 (Table 2) | = Britain |          |

**Synthesis:**

015 + -41 = 015.41

**Title:** Classification of Botany  
Class Number: 025.465 81

<table>
<thead>
<tr>
<th>Analysis:</th>
<th></th>
<th></th>
</tr>
</thead>
</table>
| 025.46    | = Classification of specific disciplines and subjects  
(Add 001 - 999 to base number 025.46) |          |
| 581 (Vol. 2, p.763) | = Botany |          |

**Synthesis:**

025.46 + 581 = 025.465 81

**Title:** General organisations in Mexico city  
Class Number: 068.7253

<table>
<thead>
<tr>
<th>Analysis:</th>
<th></th>
<th></th>
</tr>
</thead>
</table>
| 068       | = General organisations in other geographical areas  
(Add “Areas” notation 1-9 from Table 2 to base number 068) |          |
| -7253 (Table 2) | = Mexico state |          |

**Synthesis:**

068 + -7253 = 068.7253

**Title:** Social welfare reporting  
Class Number: 070.449 361

<table>
<thead>
<tr>
<th>Analysis:</th>
<th></th>
<th></th>
</tr>
</thead>
</table>
| 070.449   | = Specific subject (Journalism)  
(Add 001-999 to base number 070.449) |          |
| 361 (Vol. 2, p. 359) | = Social welfare |          |

**Synthesis:**

070.449 + 361 = 070.449 361
5.3.2 Philosophy and Related Disciplines 100

This Main Class includes two important branches of the Universe of Knowledge, i.e., philosophy and psychology. The important branches are metaphysics, epistemology, logic, ethics, ancient, medieval and oriental philosophies and modern western philosophies. The second and third summaries in DDC, Vol. I, provide you an idea of the divisions and sections of this Main Class. The following worked out examples cover some of the divisions of this Main Class.

Examples

Title: A survey of research in child psychology

Class Number: 155.407 23

Analysis:

155.4 = Child psychology
-0723 (Table 1) = Research survey

Synthesis:

155.4 + -0723 = 155.407 23
Title: Aesthetic theories  
Class Number: 111.850 1

Analysis:
111.85 = Beauty (Aesthetics)  
-01 (Table 1) = Theory  

Synthesis:
111.85 + - 01 = 111.850 1

Title: Psychology for teachers  
Class number: 150.243 72

Analysis:
150 = Psychology  
-024 (Table 1) = Works for specific types of users  
(Add to “Persons” notation 03-99 from Table 7 to base number-024)  
-372 (Table 7) = Teachers  

Synthesis:
150 + - 024 + - 372 = 150.243 72

Title: Ethics of painters  
Class Number: 174.975

Analysis:
174.9 = Ethics of other professions and occupations  
(Add “Persons” notation 09-99 from Table 7 to base number174.9)  
-75 (Table 7) = Painters  

Synthesis:
174.9 + - 75 = 174.975

Title: Hindu philosophy  
Class Number: 181.045

Analysis:
181 = Oriental philosophy  
181.04 - .09 = Based on specific religions  
(Add to base number 181.0 the numbers following 29 in294-299)  
294.5 (Vol. 2) = = Hinduism  

Synthesis:
181.0 + 294.5 = 181.045
**Self-Check Exercise**

**Note:**
1. Write your answers in the space given below.
2. Check your answers with the answers given at the end of this Unit.

6) Assign class numbers to the following titles:

   a) Dictionary of astrology
   b) Psychology of Indians
   c) Ethics of musicians
   d) Buddhist philosophy
   e) Canadian philosophy

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5.3.3 **Religion 200**

This Main Class is mostly devoted to the various aspects of Christianity. Most parts of the notation 210-289 are devoted to Christianity. Other major religions of the world are listed at 292-299. The divisions and sections of this Main Class are listed under second and third summaries (Vol.1). The following worked out examples cover some of the important branches of religion.

**Examples**

**Title:** Bible in German language

**Class Number:** 220.531

<table>
<thead>
<tr>
<th>Analysis</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>220.5 = Modern versions and translations of Bible</td>
<td></td>
</tr>
<tr>
<td>220.53-.59 = In other Languages</td>
<td></td>
</tr>
<tr>
<td>(Add “Languages” notation 3-9 from Table 6 to the base number 220.5)</td>
<td></td>
</tr>
<tr>
<td>-31 (Table 6) = German</td>
<td></td>
</tr>
</tbody>
</table>

**Synthesis:**

220.5 + -31 = 220.531
### Title: Worship in Buddhism

Class Number: 294.344 3

#### Analysis:

<table>
<thead>
<tr>
<th>Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>294.34</td>
<td>Doctrines and practices in Buddhism-</td>
</tr>
<tr>
<td></td>
<td>(Add to base number 294.34 the numbers following 291 in 291.2-291.4)</td>
</tr>
<tr>
<td>291.43</td>
<td>Worship</td>
</tr>
</tbody>
</table>

#### Synthesis:

$$294.34 + 291.43 = 294.344 3$$

### Title: Sacred books of Jainism

Class Number: 294.482

#### Analysis:

<table>
<thead>
<tr>
<th>Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>294.4=</td>
<td>Jainism</td>
</tr>
<tr>
<td>294.41-.48</td>
<td>Jainism, general principles</td>
</tr>
<tr>
<td></td>
<td>(Add to base number 294.4 the numbers following 291 in 291.1-291.8)</td>
</tr>
<tr>
<td>291.82</td>
<td>Sacred books</td>
</tr>
</tbody>
</table>

#### Synthesis:

$$294.4 + 291.82 = 294.482$$

### Title: Hindu religious gurus

Class Number: 294.561

#### Analysis:

<table>
<thead>
<tr>
<th>Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>294.5</td>
<td>Hinduism</td>
</tr>
<tr>
<td>294.56-.57</td>
<td>Leader organisations, activities</td>
</tr>
<tr>
<td></td>
<td>(Add to base number 294.5 the numbers following 291 in 291.6-291.7)</td>
</tr>
<tr>
<td>291.61</td>
<td>Religious gurus</td>
</tr>
</tbody>
</table>

#### Synthesis:

$$294.5 + 291.61 = 294.561$$
Title: Religion of Hottentots

Class Number: 299.681

Analysis:

299 = Other Religions

299.68 = Religion of specific groups and tribes

(Add to base number 299.68 the numbers following 96 in "Racial, Ethnic, National Groups" notation 961-969 from Table 5)

-961 (Table 5) = Hottentots

Synthesis:

299.68 + - 961

299.68 + - 1 = 299.681

Self-Check Exercise

Note: i) Write your answers in the space given below.

ii) Check your answers with the answers given at the end of this Unit.

7) Assign class numbers to the following titles:

a) English version of New Testament
b) Religious freedom in Buddhism
c) Worship in Jainism
d) Sikh religious organisations
e) Translations of Babylonian Talmud

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5.3.4 Social Sciences 300

All the important disciplines in the social science are listed in this Main Class. Some of the disciplines such as psychology, history and geography are listed under 150 and 900, separating from the Main Class 300. At several places in the schedules for social sciences you will find special tables. The notation from these tables have to be applied to those divisions identified by an asterisk. The divisions and sections falling under social sciences are found in Vol.1, p.476 under second summary and third summary. The following worked out examples cover some of the important branches of social sciences.
Examples

Title: Indians in the United States
Class Number: 305.891411073

Analysis:
305.8 = Social stratification of Racial, Ethnic, National Groups
(Add “Racial, Ethnic, National Groups” notation 01-99 from Table 5 to base number 305.8 then, unless it is redundant, add 0 to the result, and add “Areas” notation 1-9 from Table 3)

-91411 (Table 5) = Indians
0 (Vol. 2, p.207) = Facet Indicator
-73 (Table 2) = United States

Synthesis:
305.8 + -91411 + 0 + -73 = 305.891411073

Title: Conservation and protection of forest lands
Class Number: 333.7516

Analysis:
333.75 = * Forest lands
(*Add as instructed under 333.7)

333.7 = Natural resources
(special divisions are listed)

16 (Vol. 2, p.280) = Conservation and protection (Listed under 333.7)

Synthesis:
333.75 + 16 = 333.7516

Title: Election law of India
Class Number: 342.5407

Analysis:
342 = Constitutional and administrative law
342.3-.9 = Specific jurisdictions and areas
(Add “Areas” notation 3-9 from Table 2 to base number 342)

-54 (Table 2) = India

342.07 = Election law

Synthesis:
342 + -54 + 342.07
342 + -54 + 07 = 342.5407
Title: Cabinet government in France
Class Number: 354.440 4

Analysis:
354 = Public international organisations and specific central governments other than those of United States
354.3-.9 Specific central governments other than those of the United States
(Add “Areas” notation 3-9 from Table 2 to base number 354)
-44 (Table 2) = France
04 = Cabinet (Special divisions listed under 354.3-.9)

Synthesis:
354 + -44 + 04 = 354.440 4

Title: Admission procedure in elementary schools
Class Number: 372.121 6

Analysis:
372 = Elementary education
372.11-.18 = Organisation and administration
(Add to base number 372.1 the number following 371 in 371.1-371.8)
371.216 = Admission procedures

Synthesis:
372.1 + 371.216
372.1 + .216 = 372.121 6

Self-Check Exercise
Note: i) Write your answers in the space given below.
ii) Check your answers with the answers given at the end of this Unit.

8) Assign the class numbers to the following titles:
   a) Religious holidays of Hinduism
   b) Trade agreements between India and Russia
   c) Counselling and guidance of drug addicts
   d) Government corporations in France
   e) Law of evidence in Canada.

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75
5.3.5 Language 400

The Main Class Language 400 includes important languages of the world. The other major and minor languages of the world are listed under Table 6 Languages. Various aspects of languages such as etymology, dictionaries, structural systems, etc., are listed under Table 4 Subdivisions of Individual Languages. Individual languages identified by an * asterisk in the schedules listed under 420-490 have to be further expanded by taking notation from Table 4. The use of notation from Table 4 has already been explained to you in sub-section 5.2.4

Examples

Title: Structure of Hindi
Class Number: 491.435

<table>
<thead>
<tr>
<th>Analysis:</th>
<th>491.43 = *Hindi</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>(Add to base number as instructed under 420-490 “Under each language identified by *, add “Subdivisions of Individual Language” notation 01-86 from Table 4 to designated base number)</td>
</tr>
<tr>
<td>- 5 (Table 4)</td>
<td>= Structure</td>
</tr>
<tr>
<td>Synthesis:</td>
<td>491.43 + - 5 = 491.435</td>
</tr>
</tbody>
</table>

Title: English-Telugu dictionary
Class Number: 423.948 27

<table>
<thead>
<tr>
<th>Analysis:</th>
<th>420 = English language</th>
</tr>
</thead>
<tbody>
<tr>
<td>-32’to-39 (Table 4) = Bilingual dictionaries</td>
<td></td>
</tr>
<tr>
<td>-94827 (Table 6) = Telugu</td>
<td></td>
</tr>
<tr>
<td>Synthesis:</td>
<td>420 + - 3 + -94827</td>
</tr>
<tr>
<td>42+ -3+ -94827 = 423.948 27</td>
<td></td>
</tr>
</tbody>
</table>

Title: Pronunciation of French
Class Number: 441.81

<table>
<thead>
<tr>
<th>Analysis:</th>
<th>440 = French language</th>
</tr>
</thead>
<tbody>
<tr>
<td>441 = Written and spoken codes of standard French</td>
<td></td>
</tr>
<tr>
<td>-81 (Table 4) = Pronunciation</td>
<td></td>
</tr>
<tr>
<td>Synthesis:</td>
<td>441 +- 81 = 441.81</td>
</tr>
</tbody>
</table>
Title: Sanskrit words in Kanada
Class Number: 494.814 249 12

Analysis:
494.814 = Kanada
-24. (Table 4) Foreign elements
(Add “Languages” notation 1-9 from Table 6 to -24)
-912 (Table s-6) = Sanskrit

Synthesis:
494.814 + -24+ -912 = 494.814 249 12

Title: Russian grammar for students
Class Number: 491.750 243 75

Analysis:
491.7 = Russian language
-5 (Table 4) = Grammar
-024 (Table 1) = Works for specific types of users
(Add “Persons” notation 03-99 from Table 7 to base number-024)
-375 (Table 7) = Students

Synthesis:
491.7 + - 5 + -024+ -375 = 491.750 243 75

Self-Check Exercise

Note:  
i) Write your answers in the space given below.
   
ii) Check your answers with the answers given at the end of this Unit.

9) Assign the class numbers to the following titles:
   a) Spanish phonology
   b) Homonyms in Italian language dictionaries
   c) Portuguese paleography
   d) Tamil vocabulary
   e) Chinese language readers

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5.3.6 Pure Sciences 500

This Main Class covers important branches of pure sciences such as Mathematics, astrology, physics, chemistry, geology, biology, botany and zoology. The branches have been minutely divided. At certain places in the schedules you will find use of special tables to achieve synthesis for number building.

Examples

Title: Size of Venus
Class Number: 532.421

Analysis:

\[
523.42 = \text{*Venus} \\
\text{(Add as instructed under 523.41-523.48)(Add to each subdivision identified by * the numbers following 523.3 in 523.31-523.37)} \\
523.31 = \text{Size}
\]

Synthesis:

\[
523.42 + 523.31 \\
523.42 + 1 = 523.421
\]

Title: Liquid state Chemistry
Class Number: 541.042 2

Analysis:

\[
541 = \text{Physical and theoretical Chemistry} \\
541.042 = \text{States of matter} \\
\text{(Add to base number 541.042 the numbers following 530.4 in 530.41-530.44)} \\
530.42 = \text{Liquid-state physics}
\]

Synthesis:

\[
541.042 + 530.42 \\
541.042 + 2 = 541.042 2
\]

Title: Forecasting snowstorms
Class Number: 551.645 5

Analysis:

\[
551 = \text{Geology, meteorology, general hydrology} \\
551.64 = \text{Forecasting of specific elements and phenomena} \\
\text{(Add to base number 551.64 the numbers following 551.5 in 551.51-551.57)} \\
551.555 = \text{Snowstorms}
\]

Synthesis:

\[
551.64 + 551.555 \\
551.64 + 55 = 551.645 5
\]
Title: Pathology of rose plants

Class Number: 583.372 042

Analysis:

583.372 = *Roses
(Add as instructed under 582-589)

04 (Vol. 2, p.769) = General principles (Listed under 582-589)
(Add to 04 the number following 581 in 581.1-581.8)

581.2 = Pathology

Synthesis:

583.372 + 04 + 2 = 583.372 042

Title: Respiratory organs of amphibians

Class Number: 597.604 42

Analysis:

597.6 = *Amphibians
(Add as instructed under 592-599)

04 (Vol. 2, p.795) = General principles (Listed under 592-599)
(Add to 04 the numbers following 591 in 591.1-591.8)

591.42 = Respiratory organs

Synthesis:

597.6 + 04 + 2 = 597.604 42

Self-Check Exercise

Note: i) Write your answers in the space given below.
   ii) Check your answers with the answers given at the end of this Unit.

10) Assign class numbers to the following titles:
   a) Bird watching in India
   b) Botanical gardens in USA
   c) Fresh water microorganisms
   d) Geomorphology of China
   e) Quantitative analysis of hydrocarbons

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5.3.7 Technology (Applied Sciences) 600

In this Main Class a very detailed and elaborate treatment has been given to all branches of technology. At different places in the Schedules you will find Special Tables to assist in number building. The Tables have enhanced the synthetic feature in DDC. This Main Class covers important subject fields such as medical sciences, engineering, agriculture, home economics, management, chemical engineering, manufacturing and buildings.

Examples

Title: Treatment of gastric ulcers

Class Number: 616.334 06

Analysis:

616.334 = *Gastric ulcers

(Add as instructed under 616.1-616.9)

06 (Vol. 2, p.869) = Therapy (Listed under 616.1-616.9)

Synthesis:

616.334 + 06 = 616.334 06

Title: Testing of copper material

Class Number: 620.182 028 7

Analysis:

620.182 = *Copper (material)

(*Add as instructed under 620.12-620.19)

0287 (Vol. 2, p.919) = Testing and measurement (Listed under 620.12-620.19)

Synthesis:

620.182 + 0287 = 620.182 028 7

Title: Fungus diseases of grapes

Class Number: 634.824

Analysis:

634.82 = Grape diseases

= (Add to base number 634.82 the numbers following 632 in .632.1-6319)

632.4. = Fungus diseases

Synthesis:

634.82 + 632.4

634.82 + 4 = 634.824
Title: Aromatic ethers
Class Number: 661.846

Analysis:

\[
661.84 = \text{*Ethers} \\
\text{(*Add as instructed under 661.82-661.89)} \\
\text{(Add to each subdivision identified by * the-numbers following 661.81 in 661.814-661.816)} \\
661.816 = \text{Aromatic}
\]

Synthesis:

\[
661.84 + 661.816 = 661.846
\]

Title: Sheep wool fabrics
Class Number: 667.316 4

Analysis:

\[
677.31 = \text{Sheep wool} \\
677.312-.317 = \text{Techniques, etc.} \\
\text{(Add to base number 677.31 the numbers following 677.028 in 677.0282-677.0287)} \\
677.028 64 = \text{Fabrics}
\]

Synthesis:

\[
677.31 + .677.028 64 = 677.316 4
\]

Self-Check Exercise

Note: i) Write your answers in the space given below.

ii) Check your answers with the answers given at the end of this Unit.

11) Assign the class numbers to the following titles:

a) Plastic building material's
b) Zinc welding
c) Chinese-cookery
d) Fungus diseases of wheat
e) Surgical therapy of digestive system

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The Arts 700

In this Main Class, important branches of fine arts, viz., civic art, architecture, plastic arts, drawing arts, painting, graphic arts, photography, music and recreational arts have been enumerated. Under each art, aspects like description, critical appraisal, techniques, procedures, apparatus, equipments and materials have been listed. The fine arts have been broadly grouped under fine, decorative, literary, performing and recreational arts.

Examples

Title: Remodeling of industrial buildings
Class Number: 725.402 86

Analysis:

725.4 = industrial buildings
0286 (Vol. 2, p1238) = Remodeling (Listed under 721-729)

Synthesis:

725.4 + 0286 = 725.402 86

Title: Religious symbolism in Iconography
Class Number: 731.88

Analysis:

731.8 = Iconography
731.82-.89 = Specific subjects in Iconography
704.948 = Religious symbolism

Synthesis:

731.8 + 704.948 = 731.88

Title: Preservation of rugs and carpets
Class Number: 746.704 88

Analysis:

746.7 = *Rugs and carpets
0488 (Vol. 2, p1283) = preservation (Listed under 746)

Synthesis:

746.7+ 0488 = 746.704 88
Title: Mythology and legend in water colour painting

Class Number: 751.422 47

Analysis:
751.4224 = Water colour painting techniques by subject

(Add to base number 751.4224 the numbers following 704.94 in 704.942-704.949)

704.947 = Mythology and legend

Synthesis:
751.422 4 + 704.947 = 751.422 47

Title: Scores in Rock ‘n’ Roll music

Class Number: 784.540 6

Analysis:
784.54 = Rock V Roll music

(*Add as instructed under 784.1 - 784.7)

06 (Vol. 2, p. 1335) = Scores (Listed under 784.1 - 784.7)

Synthesis:
785.54 + 06 = 784.540 6

Self-Check Exercise

Note: i) Write your answers in the space given below.

   ii) Check your answers with the answers given at the end of this Unit.

12) Assign the class numbers to the following titles:

   a) Personnel management of athletic games

   b) Violin concerts and recitals

   c) Motion picture photography of mammals

   d) Silver vases

   e) Remodeling of hotels and motels

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Study of Tables and Schedules
5.3.9 Literature 800

This Main Class includes important literatures of the world including literary forms such as poetry, drama, fiction, essays, speeches, letters, etc. The basic arrangement is first by language followed by forms and period. This Main Class is supported by Table 3 and Table 3-A and Table 6 for specific languages. Indian literatures are listed under 891 and 894.

Examples

Title: English short stories of early 20th century
Class Number: 823.019 12

<table>
<thead>
<tr>
<th>Analysis:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>820</td>
<td>=  English literature</td>
</tr>
<tr>
<td>- 301 (Table 3)</td>
<td>=  Short stories</td>
</tr>
<tr>
<td>912 (Vol. 2, p.1404)</td>
<td>=  Early 20th century (Period)</td>
</tr>
</tbody>
</table>

Synthesis:

820 + - 301 + 912 = 823.019 12

Title: Critical appraisal of idealism in French poetry
Class Number: 841.009 13

<table>
<thead>
<tr>
<th>Analysis:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>840</td>
<td>=  French literature</td>
</tr>
<tr>
<td>-1009 (Table 3)</td>
<td>=  Critical appraisal of poetry</td>
</tr>
<tr>
<td>(Add to -1009 notation 1-9 from Table 3-A)</td>
<td></td>
</tr>
<tr>
<td>13 (Table 3A)</td>
<td>=  Idealism</td>
</tr>
</tbody>
</table>

Synthesis:

840 + -1009 + 13 = 841.009 13

Title: Collection of Spanish essays
Class Number: 864.008

<table>
<thead>
<tr>
<th>Analysis:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>.860</td>
<td>=  Spanish literature</td>
</tr>
<tr>
<td>-4 (Table 3)</td>
<td>=  Essays</td>
</tr>
<tr>
<td>-400M009(Table3)</td>
<td>=  Standard subdivisions</td>
</tr>
<tr>
<td>(Add to -400 the numbers following -100 in -1001-1009)</td>
<td></td>
</tr>
<tr>
<td>-1008 (Table 3)</td>
<td>=  Collection</td>
</tr>
</tbody>
</table>

Synthesis:

860 + -400 + -1008 = 864.008
Title: Hindi satire and humour after 1940
Class Number: 891.437 7

Analysis:
891.43 = Hindi literature
-7 (Table 3) = Satire and humour
7 (Vol. 2, p. 1422) = After 1940 (Period)

Synthesis:
891.43 + -7 + 7 = 891.437 7

Title: Collection of modern Telugu poetry
Class Number: 894.827 100 87

Analysis:
894.827 = Telugu literature
-1008 (Table 3) = Collection of poetry
7 (Vol. 2, p. 1430) = Modern period

Synthesis:
894.827 + -1008 + 7 = 894.827 100 87

Self-Check Exercise

Note:

i) Write your answers in the space given below.

ii) Check your answers with the answers given at the end of this Unit.

13) Assign the class numbers to the following titles:
   a) Critical appraisal of comedy in Tamil drama
   b) Collection of Panjabi poetry
   c) Japanese historical fiction of late 20th century
   d) Sanskrit poetry displaying religious concepts
   e) Persians quotations

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5.3.10 General Geography and History 900

This Main Class includes important subjects such as geography, history and biography.
At a few places in the Schedules you will find special tables to facilitate number building.
For important countries you will also find the historical periods.
Examples

Title: Travel in ancient India
Class Number: 913.404

Analysis:
913 = Travel in ancient world
913.1-.9 = Continents, countries, etc.

(Add “Areas” notation 31-39 from Table 2 to base number 91 then add as further...)

-34 (Table 2) = Ancient India
04 (Vol. 2, p 1442) = Travel (Listed under 913.1-.9)

Synthesis:
913 + -34 +04 = 913.404

Title: Geography of Brazil
Class Number: 918.1

Analysis:
918 = Geography of South America

(*Add as instructed under 914-919)

(Add “Areas” notation 4-9 from Table 2 to base number 91)

-81 (Table 2) = Brazil

Synthesis:
918 + - 81 = 918.1

Title: Dictionary of Indian National Biography
Class Number: 920.054

Analysis:
920.03-.09 = General collections of biography

(Add “Areas” notation 3-9 from Table 2 to base number 920.0)

-54 (Table 2) = India

Synthesis:
920.0 + - 54 = 920.054

86
Title: Study and teaching of independent India’s history
Class Number: 954.040 7

Analysis:
954.04 = Independent India
- 07 (Table 1) = Study and teaching

Synthesis:
954.04 + - 07 = 954.040 7

Title: Historians of Mauryan period of India
Class Number: 934.040 072 02

Analysis:
934.04 = *India, Mauryan period
007202 (Vol. 2, p. 1451) = Historians (Listed under 930-990)

Synthesis:
934.04 + 007202 = 934.040 072 02

Self-Check Exercise

Note: i) Write your answers in the space given below.

ii) Check your answers with the answers given at the end of this Unit.

14) Assign the class numbers to the following titles:
   a) Travel in USA
   b) History of tropical regions
   c) Travels in Indian ocean
   d) Maps of southern hemisphere
   e) Indian genealogy


5.4 SUMMARY

In the preceding sections of this Unit you have been introduced to the seven auxiliary tables, viz., T1 Standard Subdivisions, T2 Areas, T3 Subdivisions of Individual Literatures, T4 Subdivisions of Individual Languages, T5 Racial, Ethnic, National, Groups, T6 Languages, and T7 Persons and schedules, i.e., main classes, viz., generalia 000, philosophy and related discipline 100, religion 200, social sciences 300, language
The seven auxiliary tables help in synthesising or number building in DDC. These seven tables have to be used along with schedules. You have been introduced to the main divisions of each main class and various types of add notes found in the schedules. These add notes are to be followed carefully for synthesis process in construction of a class number for simple, compound and complex subjects using the schedules and tables of DDC, 19th edition.

5.5 ANSWERS TO SELF CHECK EXERCISES

1)  
   a) 540.15  
       
       Analysis:  
       540 = Chemistry  
       -015 (Table 1) = Scientific principles  
       
       Synthesis:  
       540 + -015  
       54 + -015 = 540.15  

   b) 520.5  
       
       Analysis:  
       520 = Astronomy  
       -05 (Table 1) = Serial publication  
       
       Synthesis:  
       520 + -05  
       52 + -05 = 520.5  

   c) 350.007 154  
       
       Analysis:  
       350 = Public administration  
       -007 154 (Table 1) = Correspondence courses  
       
       Synthesis:  
       350 + -007 154 = 350.007 154  

   d) 380.10601  
       
       Analysis:  
       380.1 = Commerce (Trade)  
       -0601 (Table 1) = International organisations  
       
       Synthesis:  
       380.1 + -0601 = 380.106 01
### e) 109

<table>
<thead>
<tr>
<th>Analysis</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>100</td>
<td>Philosophy</td>
</tr>
<tr>
<td>-09 (Table 1)</td>
<td>History</td>
</tr>
</tbody>
</table>

**Synthesis:**

| 100               | + - 09 |
| 10                | + - 09 |
| **=**             | 109    |

### 2)

**a)** 027.741

<table>
<thead>
<tr>
<th>Analysis</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>027.7</td>
<td>University libraries</td>
</tr>
<tr>
<td>027.709</td>
<td>Historical and geographical treatment</td>
</tr>
<tr>
<td>027.73-.79</td>
<td>Specific institutions</td>
</tr>
</tbody>
</table>

(Add “Areas” notation 3-9 form Table 2 to base number 027.7)

| -41 (Table 2)     | UK       |

**Synthesis:**

| 027.7             | + -41    |
| **=**             | 027.741  |

**b)** 598.295 91

<table>
<thead>
<tr>
<th>Analysis</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>598</td>
<td>Aves (Birds)</td>
</tr>
<tr>
<td>598.293-.299</td>
<td>Treatment by specific continents, countries, localities</td>
</tr>
</tbody>
</table>

(Add “Areas” notation 3-9 from Table 2 to base number 598.29)

| -591 (Table 2)    | Burma    |

**Synthesis:**

| 598.29            | + -591   |
| **=**             | 598.295 91 |

**c)** 330.954 96

<table>
<thead>
<tr>
<th>Analysis</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>330.9</td>
<td>Economic situation and condition</td>
</tr>
<tr>
<td>330.91 - .99</td>
<td>Geographic treatment</td>
</tr>
</tbody>
</table>

(Add “Areas” notation 1-9 from Table 2 to base number 330.9)

| -5496 (Table 2)   | Nepal    |

**Synthesis:**

| 330.9             | + -5496  |
| **=**             | 330.954 96 |
d) 918.1

Analysis:
\[ 914 - 919 = \text{Geography of and travel in specific continents, countries, localities in modern world...} \]
(Add “Areas” notation 4-9 from Table 2 to base number 91)

\[-81 \text{ (Table 2)} = \text{Brazil} \]

Synthesis:
\[ 91 + -81 = 918.1 \]

e) 327.51

Analysis:
\[ 327 = \text{International relations} \]
\[ 327.09 = \text{Historical and geographical treatment (Class foreign policies of and foreign relations between specific nations in 327.3 - 327.9)} \]
(Add “Areas” notation 3-9 from Table 2 to the base number 327)

\[-51 \text{ (Table 2)} = \text{China} \]

Synthesis:
\[ 327 + -51 = 327.51 \]

3)
a) 808.0441

Analysis:
\[ 808.043-.049 = \text{Rhetoric in Other languages} \]
(Add “Languages” notation 3-9 from Table 6 to base number 808.04).

\[-41 \text{ (Table 6)} = \text{French} \]

Synthesis:
\[ 808.04 + -41 = 808.0441 \]

b) 808.066 609 171

Analysis:
\[ 808.0666 = \text{Technical writing} \]
(Add 0 and to the result add ‘Languages’ notation 2-9 from Table 6)

\[ 0 = \text{Facet Indicator} \]

\[-9171 \text{ (Table 6)} = \text{Russian} \]

Synthesis:
\[ 808.0666 + 0 + -9171 = 808.066 609 171 \]
c) 808.869 355

**Analysis:**
- 808 = Rhetoric and collections
- 808.869 = Letters displaying specific features
  (Add notation 1-3 from Table 3-A to base number 808.869)
- 355 (Table 3-A) = Social themes

**Synthesis:**
808.869 + 355 = 808.869 355

---

d) 443.21

**Analysis:**
- 440 = French language
- -3 (Table 4) = Dictionary
- -21 (Table 6) = English language

**Synthesis:**
440 + -3 + -21 = 443.21

---

e) 089.927

**Analysis:**
- 089 = General collections in other languages
  (Add “Languages” notation 2-9 from Table 6 to base number 089)
- -927 (Table 6) = North Arabic languages

**Synthesis:**
089 + -927 = 089.927

---

4)
a) 299.689 669

**Analysis:**
- 299.6 = Religion of Black Africans and Negro Origin
- 299.68 Of specific groups and tribes
  (Add to base number 299.68 the numbers following 96 in “Racial, Ethnic, National Groups” notation 961-969 from Table 5)
- -966 -968 (Table 5) = National Groups in Africa (Add to base number -96 the numbers following 6 in “Areas” notation 66-68 from Table 2)
- -69 (Table 2) = Nigeria

**Synthesis:**
299.68 + -96 + -69 = 299.689 669
b) 305.895 7

**Analysis:**

305.8 = Social stratification of racial, ethnic, national groups

(Add “Racial, Ethnic, National Groups” notation 01-99 from Table 5 to base number 305.8)

-957 (Table 5) = Koreans

**Synthesis:**

305.8 + -957 = 305.895 7

c) 305:694 3

**Analysis:**

305.6 = Social stratification of adherents of religious groups

(Add to base number 305.6 the numbers following 2 in “Persons” notation 21-29 from Table 7)

-2943 (Table 7) = Buddhism

**Synthesis:**

305.6 + -2943 = 305.694 3

d) 390.434 4

**Analysis:**

390.4 = Customs of people of various specific occupations

(Add “Persons” notation 09-99 from Table 7 to base number 390.4)

-344 (Table 7) = Lawyers

**Synthesis:**

390.4 + -344 = 390.434 4

e) 150.246 1

**Analysis:**

150 = Psychology

-024 (Table 1) = Works for Specific types of users

(Add “Persons” notation 03-99 from Table 7 to base number -024)

-61 (Table 7) = Doctors

**Synthesis:**

150 + -024 + -61

15 + -024 + -61 = 150.246 1
a) 079.1723

<table>
<thead>
<tr>
<th>Analysis:</th>
<th>079</th>
<th>=</th>
<th>Journalism in other geographical areas</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>(Add “Areas” notation 1-9 from Table 2 to base number 079)</td>
</tr>
<tr>
<td></td>
<td>-1723 (Table 2)</td>
<td>=</td>
<td>Medium (developing countries)</td>
</tr>
</tbody>
</table>

**Synthesis:**

\[
079 + -1723 = 079.1723
\]

b) 016.091

<table>
<thead>
<tr>
<th>Analysis:</th>
<th>016.001-.003</th>
<th>=</th>
<th>Bibliographies and catalogs of interdisciplinary works</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>(Add 001-003 to base number 016)</td>
</tr>
<tr>
<td></td>
<td>091 (Vol.2, p. 51)</td>
<td>=</td>
<td>Manuscripts</td>
</tr>
</tbody>
</table>

**Synthesis:**

\[
016 + 091 = 016.091
\]

c) 332.10285

<table>
<thead>
<tr>
<th>Analysis:</th>
<th>332.1</th>
<th>=</th>
<th>Banks and banking</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>-0285 (Table 1)</td>
<td>=</td>
<td>Data processing</td>
</tr>
</tbody>
</table>

**Synthesis:**

\[
332.1 + -0285 = 332.10285
\]

d) 016.5397

<table>
<thead>
<tr>
<th>Analysis:</th>
<th>016.1-.9</th>
<th>=</th>
<th>Bibliographies and catalogs of specific disciplines and subjects</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>(Add 100-900 to base number 016)</td>
</tr>
<tr>
<td></td>
<td>539.7 (Vol. 2, p. 674)</td>
<td>=</td>
<td>Atomic and Nuclear Physics</td>
</tr>
</tbody>
</table>

**Synthesis:**

\[
016 + 539.7 = 016.5397
\]
c) 025.287 3

Analysis:
025 = Library operations
025.28 = Selection and acquisition of materials in special forms
(Add to base number 025.28 the numbers following
025.17 in 025.171 - 025.179)
025.1773 = Pictures and materials for projection

Synthesis:
025.28 + 025.1773
025.28 + 73 = 025.287 3

6)

a) 133.503

Analysis:
133.5 = Astrology
-03 (Table 1) = Dictionary

Synthesis:
133.5 + -03 = 133.503

b) 155.895 4

Analysis:
155.89 = National Psychology
(Add “Areas” notation 3-9 from Table 2 to base number
155.89)
-54 (Table 2) = India

Synthesis:
155.89 + -54 = 155.895 4

c) 174.978

Analysis:
174.9 = Ethics of other professions and occupations
(Add “Persons” notation 09-99 from Table 7 to base
number 174.9)
-78 (Table 7) = Musicians

Synthesis:
174.9 + -78 = 174.978
d) 181.043

**Analysis:**

181 = Oriental Philosophy  
181.04-.09 = Based on specific religions  
(Add to base number 181.0 the numbers following 29 in 294-299)  
294.3 = Buddhism

**Synthesis:**

181.0 + 294.3  
181.0 + 4.3 = 181.043

---

e) 199.71

**Analysis:**

199 = Philosophy of other geographical areas  
(Add “Areas” notation 4-9 form Table 2 to base number 199)  
-71 (Table 2) = Canada

**Synthesis:**

199 + -71 = 199.71

---

7)

a) 225.5201

**Analysis:**

225 = New Testament  
225.1-.8 = General principles  
(Add to base number 225 the numbers following 220 in 220.1-220.8)  
220.5201 = English version before 1582

**Synthesis:**

225 + 220.5201  
225 + 5201 = 225.5201

---

b) 294.3372

**Analysis:**

294.33 = Relationships and attitudes in Buddhism (Add to base number 294.33 the numbers following 291.1 in 291.13 - 291.17)  
291.1772 = Religious freedom

**Synthesis:**

294.33 + 291.1772  
294.33 + 772 = 294.3372

---
### c) 294.443

**Analysis:**

- 294.4 = Jainism
- 294.41-.48 = General principles
  
  *(Add to base number 294.4 the numbers following 291 in 291.1 -291.8)*

- 291.43 = Worship

**Synthesis:**

\[
294.4 + 291.43 = 294.443
\]

### d) 294.66

**Analysis:**

- 294.6 = Sikhism
- 294.61-.69 = Specific elements
  
  *(Add to base number 294.6 the numbers following 291 in 291.1 -291.9)*

- 291.6 = Leaders and organisation

**Synthesis:**

\[
294.6 + 291.6 = 294.66
\]

### e) 296.125 05

**Analysis:**

- 296 = Judaism
- 296.12 = Talmudic literature
- 296.125 = Babylonian Talmud
  
  *(Add as instructed under 296.123 - 296.127)*

- 05 = Translations (Listed under 296.123-296.127)

**Synthesis:**

\[
296.125 + 05 = 296.125 05
\]
a) 394.268 294.5

**Analysis:**

- 394 = General customs
- 394.268 = Specific holidays
- 394.268 29 = Other

(Add to base number 394.268 29 the numbers following 29 in 292-299)

- 294.5 = Hinduism

**Synthesis:**

\[
394.268\ 29 + 294.5 = 394.268\ 294.5
\]

b) 382.095 404.7

**Analysis:**

- 382 = International commerce (Foreign Trade)
- 382.09 = Historical and geographical treatment

(Add “Areas” notation 1-9 from Table to base number 382.09, for trade between two countries add 0 and again add “Areas” notation 1-9 from Table 2)

- -54 (Table 2) = India
- 0 (Vol. 2, p. 556) = Facet Indicator
- -47 (Table 2) = Russia.

**Synthesis:**

\[
382.09 + -54 + 0 + -47 = 382.095\ 404.7
\]

c) 362.293 86

**Analysis:**

- 362 = Social welfare problems and services
- 362.293 = Drug addiction (Add as instructed under 362-363)
- 86 = Counseling and guidance (Listed under 362-363 specific social problems and services)

**Synthesis:**

\[
362.293 + 86 = 362.293\ 86
\]
d) 354.44092

**Analysis:**

354 = Public international organisations and specific central governments other than those of United States

354.3 - .9 = Specific central governments other than those of United States

(Add “Areas” notation 3-9 from Table 2 to base number 354)

44 (Table 2) = France

092 = Government cooperations (Listed under 354.3 - .9)

**Synthesis:**

354 - 44 + 092 = 354.44092

e) 354.7106

**Analysis:**

345 = Criminal law

345.06 = Evidence

-71 (Table 2) = Canada

**Synthesis:**

345 - 71 + 345.06

345 - 71 + 06 = 354.7106

9)

a) 461.5

**Analysis:**

460 = Spanish

-15 (Table 4) = Phonology

**Synthesis:**

460 + -15

46 + -15 = 461.5

b) 453.1

**Analysis:**

450 = Dictionaries of Italian

-31 (Table 4) = Homonyms

**Synthesis:**

450+ -31

45 + -31 = 453.1
### c) 469.17

<table>
<thead>
<tr>
<th>Analysis:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>469</td>
<td>= Portuguese</td>
</tr>
<tr>
<td>-17 (Table 4)</td>
<td>= Paleography</td>
</tr>
</tbody>
</table>

**Synthesis:**

\[ 469 + -17 = 469.17 \]

### d) 494.811 82

<table>
<thead>
<tr>
<th>Analysis:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>494.811</td>
<td>= Tamil</td>
</tr>
<tr>
<td>-82 (Table 4)</td>
<td>= Vocabulary</td>
</tr>
</tbody>
</table>

**Synthesis:**

\[ 494.811 + -82 = 494.811 82 \]

### e) 495.186

<table>
<thead>
<tr>
<th>Analysis:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>495.1</td>
<td>= Chinese</td>
</tr>
<tr>
<td>-86 (Table 4)</td>
<td>= Readers</td>
</tr>
</tbody>
</table>

**Synthesis:**

\[ 495.1 + -86 = 495.186 \]

### 10)

#### a) 598.072 345 4

<table>
<thead>
<tr>
<th>Analysis:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>598</td>
<td>= Birds (Aves)</td>
</tr>
<tr>
<td>598.07234</td>
<td>Birds watching</td>
</tr>
<tr>
<td></td>
<td>(Add “Areas” notation 1-9 from Table 2 to base number 598.07234)</td>
</tr>
<tr>
<td>-54 (Table 2)</td>
<td>= India</td>
</tr>
</tbody>
</table>

**Synthesis:**

\[ 598.07234 + -54 = 598.072 345 4 \]

#### b) 580.744 73

<table>
<thead>
<tr>
<th>Analysis:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>580.744</td>
<td>= Botanical gardens (Add “Areas” notation 1-9 from Table 2 to base number 580.744)</td>
</tr>
<tr>
<td>-73 (Table 2)</td>
<td>= USA</td>
</tr>
</tbody>
</table>

**Synthesis:**

\[ 580.744 + -73 = 580.744 73 \]
c) 576.1929

Analysis:
576 = Microbes
576.19 = Geographical treatment of Microbes
(Add to base number 576.19 the numbers following 574.9 in 574.909 - 574.999)
574.929 = Fresh water biology

Synthesis:
576.19 + 574.929
576.19 + 29 = 576.1929

d) 551.40951

Analysis:
551.4 = Geomorphology
-09 (Table 1) = Standard subdivision
-51 (Table 2) = China

Synthesis:
551.4 + -09 + -51 = 551.40951

e) 547.010465

Analysis:
547 = Organic Chemistry
547.01 = Hydrocarbons
(Add as instructed under 547)
0465 = Quantitative analysis (Listed under 547)

Synthesis:
547.01 + 0465 = 547.010465

11)
a) 693.9923

Analysis:
693.99 = Miscellaneous materials for building
(Add to base number 693.99 the numbers following 620.19 in 620.191 - 620.199)
620.1923 = Plastic

Synthesis:
693.99 + 620.1923
693.99 + 23 = 693.9923
### b) 673.525 2

**Analysis:**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
</table>
| 673.52 | *Zinc*  
(Add as instructed under 673)(Under 673 add to each subdivision identified by * the numbers following 671 in 671.2 - 671.8) |
| 671.52 | Welding |

**Synthesis:**

\[
673.52 + 671.52 = 673.5252
\]

### c) 641.592 951

**Analysis:**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
</table>
| 641.592 | Ethnic cookery  
(Add “Racial, Ethnic, National Groups” notation 03-99 for Table 5 to base number 641.592) |
| -951 (Table 5) | Chinese |

**Synthesis:**

\[
641.592 - 951 = 641.592 951
\]

### d) 633.4

**Analysis:**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>633.11</td>
<td><em>Wheat</em> (Add as instructed under 633-635)</td>
</tr>
</tbody>
</table>
| 9 | Injuries diseases, pests (listed under 633-635)  
(Add to 9 the numbers following 632 in 632.1-632.9) |
| 632.4 | Fungus diseases |

**Synthesis:**

\[
633.11 + 9 + 632.4 = 633.1194
\]

### e) 617.430 59

**Analysis:**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>617.43</td>
<td><em>Digestive system</em> (Add as instructed under 617)</td>
</tr>
<tr>
<td>059</td>
<td>Surgical therapy (Listed under 617)</td>
</tr>
</tbody>
</table>

**Synthesis:**

\[
617.43 + 059 = 617.430 59
\]
12)  

a) 796.069 3

Analysis:

796 = Athletic and outdoor sports and games
796.069 = Management

(Add to base number 796.069 the numbers following 068 in 'Standard Subdivisions' notation 0681 - 0688 from Table 1)

-0683 (Table 1) = Personnel management

Synthesis:

796.069 + - 0683
796.069 + 3 = 796.069 3

b) 787.107 3

Analysis:

787.1 = * Violin (Add as instructed under 787 - 789)
073 = Concerts and recitals (Listed under 787 - 789)

Synthesis:

787.1 + 073 = 787.107 3

c) 778.538 599

Analysis:

778.538 = Photography of specific subjects
599 (Vol. 2) = Mammalia (Mammals)

Synthesis:

778.538 + 599 = 778.538 599

d) 739.238 4

Analysis:

739 = Art metalwork
739.23 = Silversmithing

(Add to base number 739.23 the numbers following 739.22 in 739.22028 - 739.228)

739.2284 = Vases

Synthesis:

739.23 + 739.2284
739.23 + 84 = 739.238 4
e) 728.502 86

**Analysis:**

728.5 = Buildings of hotels and motels  
(Add as instructed under 721 - 729)

0286 (Vol. 2, p. 1238) = Remodelling (Listed under 721-729)

**Synthesis:**

728.5 + 0286 = 728.502 86

13)

a) 894.811 205 230 9

**Analysis:**

894.811 = Tamil literature
- 205 23 (Table 3) = Comedy  
(Add as instructed under 1 - 8)
-09 = Critical appraisal (Listed under 1-8)

**Synthesis:**

894.811 + -20523 + -09 = 894.811205 230 9

b) 891.421 008

**Analysis:**

891.42 = Punjabi literature
-1008 (Table 3) = Collection of poetry

**Synthesis:**

891.42 + -1008 = 891.421 008

c) 895.635

**Analysis:**

895.6 = Japanese literature
-3 (Table 3) = Fiction
5 (Vol. 2, p. 1431) = Late 20th century

**Synthesis:**

895.6 + -3 + 5 = 895.635

d) 891.210 093 82

**Analysis:**

891.2 = Sanskrit literature
-1009 (Table 3) = Critical appraisal
382 (Table 3-A) = Religious concepts

**Synthesis:**

891.2 + -1009 + 382 = 891.210 093 82
<table>
<thead>
<tr>
<th>Case</th>
<th>Code</th>
<th>Analysis</th>
<th>Synthesis</th>
</tr>
</thead>
</table>
| e)   | 891.5502 | 891.55 = Modern Persian  
- 802 (Table 3) = Quotations | 891.55 + - 802 = 891.55802 |
| a)   | 917.3 | 917 = Geography of and travel in North America  
(Add as instructed under 914-919) Under 914 – 919 (Add “Areas” notation 4-9 from Table 2 to base number 91)  
- 73 (Table 2) = USA | 917 + - 73 = 917.3 |
| b)   | 909.093 | 909 = General World history  
909.09 = Areas, regions, places in general  
(Add to base number 909.09 the numbers following 1 in “Areas” notation 11-19 from Table 2)  
- 13 (Table 2) = Tropical regions | 909.09 + - 13 = 909.093 |
| c)   | 910.09165 | 910 = General geography Travel  
910.09 = Travel in areas...  
(Add “Areas” notation 1 from Table 2 to the base number 910.09)  
- 165 (Table 1) = Indian Ocean | 910.09 + - 165 = 910.09165 |
d) 912.198 14

**Analysis:**

- 912 = Graphic representation of surface of earth and of extra terrestrial Worlds
- 912-19 = Areas, regions, places in general
  
  (Add to base number 912.19 the numbers following 1 in “Areas” notation 11-19 from Table 2)
- -1814 (Table 2) = Southern Hemisphere

**Synthesis:**

- 912.19 + -1814
- 912.19 + 814 = 912.198 14

---

e) 929.354

**Analysis:**

- 929 = Genealogy
- 929.33 -.39 = Treatment by specific continents, countries, localities
  
  (Add “Areas” notation 3-9 from Table 2 to the base number 929.3)
- -54 (Table 2) = India

**Synthesis:**

- 929.3 + -54 = 929.354

---

### 5.6 KEYWORDS

- **Add Note**: An instruction directing the addition to a designated base number of digits derived either from a number sequence in the schedules or from a table.
- **Schedules**: The series of numbers constituting the notation for the ten main DDC classes and all their subdivisions.
- **Tables**: A sequence of dependent notation indicating various special concepts used repeatedly with a variety of subjects and disciplines.

### 5.7 REFERENCES AND FURTHER READING