

Course: Classification and Subject Headings (9208)

Level: BS-LIS

Semester: Autumn, 2024

Assignment No. 1

(Units: 1-5)

Q1. Compare the philosophy of general classification with library classification. Support your answer with relevant examples.

General classification is a broad categorization system used across various disciplines to organize knowledge systematically. It includes scientific classification (taxonomy), social classification (demographics), and commercial classification (industry sectors). Library classification, on the other hand, is specifically designed to organize books and other information resources in a structured manner for easy retrieval. Examples include the Dewey Decimal Classification (DDC) and Library of Congress Classification (LCC). While general classification serves broader knowledge organization, library classification is tailored to ensure efficient library management.

Q2. Describe the purpose and usage principles of Dewey Decimal Classification (DDC) index, schedules, and tables with examples.

The DDC system organizes knowledge into ten main classes, further divided into divisions and sections. The index provides an alphabetical list of topics and their corresponding classification numbers. The schedules contain the hierarchical structure of subjects, and tables allow for notation expansion. For instance, 300 (Social Sciences) expands into 320 (Political Science) and 321 (Systems of Government).

Q3. Describe the purpose, grammar, and usage principles of Sears List of Subject Headings (SLSH) with relevant examples.

The Sears List of Subject Headings (SLSH) standardizes library cataloging by assigning consistent subject terms. It follows specific grammatical rules, such as singular nouns for topics (e.g., "Library" instead of "Libraries") and inverted names for personal subjects (e.g., "Shakespeare, William"). Its usage principles ensure clarity and consistency, aiding users in information retrieval.

Q4. There are some limitations in the DDC system with regard to coverage of oriental subjects. Highlight such limitations and suggest a viable solution thereto with relevant examples.

The DDC system has been criticized for its Eurocentric bias, with inadequate representation of Eastern philosophies, religions, and literatures. For example, while Western philosophy is classified under 100, Eastern philosophies are grouped into fewer subclasses. A viable solution is the introduction of expanded notation within the DDC system to allow for more granular classification of non-Western subjects.

Q5. Write a short note on each of the following:

Book number/author mark principles: Book numbers distinguish books within a classification by using Cutter numbers or author marks.

Types of notation: Library classification uses hierarchical, enumerative, and faceted notations, such as numeric (DDC) and alphanumeric (LCC).

Web Dewey: An online version of DDC providing up-to-date classifications and digital cataloging tools.

Literary warrant: A principle ensuring classification reflects documented literature rather than hypothetical categories.

Assignment No. 2

(Units: 6-9)

Q1. Assign DDC classification number and Sears List subject heading(s) to each of the following phrases.

Classification of books on Mathematical analysis - **515.43** /

Mathematical analysis

Job opportunities in military service - **355.37** / **Military employment**

Graduate students' chemical society - **660.6** / **Chemical societies**

BS/MLIS curricula approved by HEC, Pakistan - **020.71154** / **Library Science education (Pakistan)**

Science and technology journals published in Pakistan -
505.5491 / Science periodicals (Pakistan)

Confucius philosophy of education - **370.1 / Confucian
educational philosophy**

Use of ultra-microscopes in biology - **578.07 / Biological
microscopy**

Teaching of etiquettes to children - **395.122 / Children—
Etiquette**

Air conditioning in law school buildings - **697.93 / Air
conditioning in educational buildings**

Soil preparation for cotton - **633.51 / Cotton—Soil
preparation**

**Q2. Analyze and interpret each of the following numbers
with DDC and convert each interpretation into Sears List
subject heading(s).**

025.431 - **Library cataloging**

394.268 - **Public festivals**

516.372 - **Plane geometry**

779.092 - **Photographers—Biography**

791.440232 - **Television talk show hosts—Biography**

A823.3 - **Australian fiction**

305.685944 - **Elderly women—Australia**

491.439509 - **Persian language—History**

616.7406 - **Arthritis—Diagnosis**

780,830993 - **Music literature—New Zealand**

Q3. Assign DDC classification number and Sears List subject heading(s) to each of the following phrases.

Academic writing and publishing - **808.02 / Academic writing**

NVivo for qualitative data analysis - **001.42 / Qualitative research—Software**

Use of libraries in research - **020.72 / Library research**

Use of MS Office applications in research - **005.5** /

Computer applications in research

Thematic research in library and information sciences -

020.72 / Library science research

Higher Education Commission, Pakistan - **378.54 / Higher education—Pakistan**

National Library of Pakistan: aims and objectives - **027.55491**

/ National libraries—Pakistan

Statistical Package for the Social Sciences (SPSS) -

519.5028553 / SPSS (Software)

Pre-medical education in Punjab, Pakistan - **610.71154914 /**

Medical education—Pakistan

New dimensions in information behaviour research - **025.524**

/ Information behavior

Q4. Analyze and interpret each of the following numbers with DDC and convert each interpretation into Sears List subject heading(s).

617.51028 - **Dental instruments and equipment**

915.49604 - **Travel guides—Pakistan**

895.60809524 - **Chinese literature—20th century**

491.550141 - **Turkish dialects—Grammar**

895.9321 - **Japanese poetry—Haiku**

519.5028553 - **Statistical software**

230.08996073 - **Christianity in Africa**

305.235091724091732 - **Teenagers—South Asian countries**

500.882960967571 - **Science education—Nigeria**

306.4496751 - **Cultural heritage in Africa**

Q5. Assign DDC classification number and Sears List subject heading(s) to each of the following phrases.

Ethnic diversity at workplace - **331.133 / Workplace diversity**

Pakistan Railways - **385.095491 / Railroads—Pakistan**

Study and teaching of Nano-technology principles - **620.5** /
Nanotechnology—Education

Practice of Tibb-e-Unani in South Asia - **615.3210954** /
Unani medicine—South Asia

Allama Iqbal Open University: Karachi region - **378.5491** /
Distance education—Pakistan

Quaid-e-Azam: early life and education - **923.25491** / **Jinnah,
Muhammad Ali—Biography**

Mechatronics vs. electronics - **621.3** / **Mechatronics**

Propulsion technology in ships - **623.82** / **Marine propulsion**

Electronic communication in academic libraries - **025.524** /
Academic libraries—Electronic communication

Principles of photography - **770** / **Photography**