2025
Two Years Integrated M.Lib.I.Sc.
Third Semester (CBCS) Examination
Course – CC 3.1
Knowledge Organisation (Theory)

Answer question No. 1 and any two from the rest.

1. Write short notes on (any two) of the following concepts: 5×2

(a) ISBN (ER)

(b) Folksonomy

(c) Hierarchical and non-hierarchical relation in knowledge organisation

d) Relationship symbols in controlled vocabularies (ISO)

2. Present web is not machine-processable — Explain. Illustrate web ontology with suitable examples. 6+9

3. What do you mean by Dublin Core Metadata Standard (DCMS)? Elucidate its core elements with appropriate examples. Explain the purpose of Text Encoding Initiative (TEI).   3 + 7 + 5

4. Describe Shannon and Weaver Model of information communication with diagram. Highlight various online search strategies with examples.   9 +6

5. Prepare index entries by following PRECIS, KWIC, KWAC, KWOC, and KEYTALPHA for the subject statement: "Planning for construction of an auditorium at Rabindra Bharati University in Kolkata."

(Journal of Architecture and Planning, Vol-13, No-2, pp. 88–102).   15

2025
Two Years Integrated M.Lib.I.Sc.
Third Semester (CBCS) Examination
Course – CC 3.2
Management of Information System, Service and Organization (Theory)

Answer question no. 5 and any two from the rest.

1. (a)Briefly state the necessity of organisational management in libraries. Describe the role and importance of staff manual in organisational management. (b) Which quality indicator would you suggest for improving service quality in a Public Library? — Justify your answer.
                              4 + 5 + 6

2. What do you understand by resource mobilisation in an organisation (or enterprise)? State the principles of financial management in libraries. Explain the significance of Cost–Benefit Analysis (CBA) and Cost-Effectiveness Analysis (CEA) as tools in preparing a library budget.
     5 + 5 + 5

3. How important is planning as a management function? How do you classify plans? "Awareness of opportunities is crucial before you begin actual planning process" —explain.   2 +10 + 3

4. Do you think that Human Resource Management is crucial for successful implementation of TQM? — Justify your answer. Describe the steps in the method of planning for manpower in a modern university library.   8 + 7

5. Write short notes on (any two) of the following concepts   5 × 2
(a) PPBS
(b) Library Consortia
(c) SWOT Analysis
(d) Gantt Chart

2025

1. Write short notes on (any two) concepts: 5 ×
2
(a) Data Normalization
(b) DOI Characteristics and Structure
(c) Digital Rights Management (DRM)
(d) ORE-object Reuse and Exchange

2. Answer any two from the following questions:

(a) Describe the interoperability and communication requirements of modern library information system. Explain how IP, OSI layers and retrieval engines collaboratively enable seamless access to information resources.   7 + 8

(b) Diagrammatically represent the system architecture of a digital library. Describe the different types of Creative Commons licenses (CCs). Point out how does digital library use CC with examples. 5 + 6 + 4

(c) Explain the concept of E–R Model. How can it be applied to design a library management system? Illustrate with suitable examples.   5 + 10

(d) Describe the Semantic Web architecture including layers from RDF to OWL. Explain how Semantic Web can be applied in arranging Web 2.0 data.   8 + 7

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Third Semester (CBCS) Examination
Course – CC-3.4
(Research Methodology)

Answer all questions
1. Write short notes on (any two) concepts: 5 × 2
(a) IMRAD
(b) Delphi Method
(c) Case Study Research
(d) Sampling Techniques

2. *Answer any two from the following questions*:

(a) Define research and articulate its significance. Discuss the major types of research. In this context state your ideas on contemporary trends in Library and Information Science Research.   5 + 10

(b) Define Data Analysis. Elucidate several common tools and techniques used for it. What are the principal methods to evaluate scholarly research?   2 + 8 + 5

(c) Discuss frequency distribution, cumulative frequency distribution, and relative frequency distribution. Illustrate with suitable examples in terms of the library wage data.   6 + 9

(d) Describe the major forms of Research Misconduct. Subsequently evaluate the role of Committee on Publication Ethics (COPE) in promoting ethical standards in the research community.   5 + 10 = 15

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Third Semester (CBCS) Examination

Answer as instructed.

Group -A

Answer any two of the following:

Prepare the main entry with tracing of necessary 'Added Entries' as required using AACR IIR (1988). Assign subject Headings by LCSH. Along with prepare bibliographical record of the following items according to MARC–21.

1. Title frame: Life in the Deep Ocean (Environmental Science Series, 5). Produced by National Geographic. Directed by R. Sen. Camera by D. Gupta. Doordarshan Archives, New Delhi, 2nd ed., 2022.

O.I.: One 4¾ inch colour. Sound DVD (45 min).

English Language.

Summary: A documentary exploring deep sea ecosystems.

System details: PAL

Call no.: 577.7 LIF

ACC no.: 202345

2. Title Page: Poems of Bengal compiled by Haran Chandra Pal. Written in Krishnanagar by Lakshmi Narayan Bhattacharya. ca. 1895.

Other information: Illustrated 28×18 cm. 75 leaves bounded in cloth cover. Written on hand made paper in Bengali Script.

Summary: A handwritten collection of devotional Bengali poems attributed to medieval poets.

Language: Bengali and written in black ink with red headings.

Condition: Edges brittle, includes marginal notes, bears ownership stamp dated 1920.

Devotional Literature.

Call no. Ms 895.11 PAL

ACC. no. MS/2025/17.

3. The item: Terracotta horse figurine crafted by Bankura artisans. National Museum Workshop. Kolkata / 1985.

Other information:

- One artefact: painted terracotta
- Size: 22 × 10 × 8 cm
- Inscribed on base: "Bankura, 1985"
- Condition: minor cracks, paint faded on right side
- Gift of Prof. S. Mukherjee in 1992
- Acc. No.: A/2025/09
- Call No.: ART 730.2 TER

4. The item: Map of West Bengal

Prepared by Survey of India, Debradun. Survey of India, 2021, 4th revised edition.

Other information:

- Scale: 1 : 50,000
- Projection: Polyconic
- Coordinates: E 88°15′–88°35′ / N 22°25′–22°45′
- One colour map: 75 × 55 cm
- National topographic by contours and spot heights
- Includes inset map: "Kolkata metropolitan area"
- Includes street index on verso
- ACC. No.: MAP/2025/44
- Call No.: 912.5414 SUR

GROUP–B
(Compulsory)

Illustrate the steps in designing a Vocabulary Control Device for subject indexing of micro documents on "Cattle breeds" taking at least twenty (20) terms.

(Internet may be used for term collection.)

2025
Third Semester (CBCS) Examination
Course -3.6
Information and Communication Technology (Practice)

Full Marks- 40   Time -3 hours

The figures in the right hand side margin indicate marks

Answers question no 1. and any two from the rest.

Write only code of steps from your opearation.   5x2

Answer any two questions: (Use tables if you attempt Q. No. 4. Else use arbitrary Tables where ever require)

a) Write SQL Code to :

II. View current transaction by a specific user.

III. Search book by a specific author.

IV. Best library user.

b) Write SQL Code to:

I. Members who haven't borrowed books in last 6 months.

II. Current availability status of book.

c) Write only step by step code to install PhpMyAdmin in Ubuntu latest LLTS version

d) Write HTML code for 'form' to:

I. Create use name and password

II. Create a drop down Menu

III. List with checkbox

IV. Create a textbox area

V. Create submit button

2. Write HTML code to create code to create a simple webpage titltle "My Library Page" containing

I. Name of the library

II. A short paragraph "ABOUT" library

III. Insert image of three library sections

IV. List of staff and designation in table format

V. Like of web OPAC of Rabindra Bharati University Central Library

VI. Create an application from for "librarian and give link with main page scroll horizonrally

15

3. Write XML code with suitable CSS file for book catalogue as a librarian wants to view from a publisher'

15

4. Create 'Book', 'USER/Member' and 'TRANSACTION' tables using MYSQL from terminal. Enter at least   valid records in each tables using PHP interface.

15

2025
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Third Semester (CBCS) Examination
Course – CEC 3.1 (B)
(Information Centers and Systems in Medical Science)

Full Marks: 40   Time: 2 Hours

The figures in the right hand side margin indicate marks.

Answer Question No. 1 and any two from the rest.

1. Write short notes on (any two) of the following concept: (5×2)

(a) MEDLINE

(b) SCOPUS

(c) Ind MED

(d) Index Medicus

2. Define Medical/Health Sciences. Briefly discuss different types of primary sources used in health sciences with examples. Discuss their importance. Mention evaluation criteria of primary sources in medical science research. (3 + 5 + 4 + 3)

3. Explain the functions, importance, and limitations of tertiary sources — Medical directories and guides to literature. (15)

4. What are indexing and abstracting journals? Explain the role of abstracting journals in medical information retrieval.(9 + 6)

5. State your idea on need for information System in Medical and Health sciences? Explain the purpose, organisational structure and Operational functioning of e-Sanjeebani. (3 + 12)

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2025
Two Years Integrated M.Lib.I.Sc.
Third Semester (CBCS) Examination
Course – CEC 3.2 (B)

(Information Centers and Systems in Engineering and Technology)

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Full Marks: 40 Time: 2 Hours

The figures in the right hand side margin indicate marks.

Answer Question No. 1 and any two from the rest.

1. Write short notes on (any two) of the following concept: (5×2)

(a) Compendex

(b) Engineering Village

(c) NIC

(d) Web-based resources in Science and Technology

2. State your Idea on engineering information system. Discuss possible structure of an engineering information system. (10 + 5)

3. Write in brief the functions of any one International and any two National Engineering Information Centres. (5 + 5 + 5)

4. How do primary sources of information contribute to the dissemination of knowledge in Engineering and Technology. (15)

5. Describe the role and function of INFLIBNET and INDEST—AICTE in dissemination of information in Engineering and Technology. (8 + 7)