

2026

**Two Years Integrated M.Lib.I.Sc.
Second Semester (CBCS) Examination**

Course – CC 2.1

[Information Sources and Services (Theory)]

Full Marks—40 Time—2 Hours

The figures in the right margin indicate marks.

Answer questions no. 1 and any two from the rest.

1. Write short notes on any two of the following:

5×2=10

(a) Non-documentary sources

(b) Reference interview

(c) Ask-a-Librarian

(d) Alerting service by a library

2. (a) Explain 'current awareness service (CAS)' and 'Selective Dissemination of Information (SDI)'. Give one example from each in library's point of view.

(b) Discuss the role of 'document delivery service' and 'Reprographic Service' as essential components of modern library. **8+7**

3. (a) What is an 'Abstracting Service'? Differentiate between an indicative and an informative abstract with suitable example to show when each would be most useful.

(b) Explain how 'web' could be a platform for information services. **8+7**

4. (a) Discuss the key characteristics of 'digital information sources'.

(b) Differentiate between 'Yearbook' and 'Almanac' as reference sources.

(c) Discuss the role of 'Bhashini' and 'UDAAN' in context of translation services tools. **4+4+7**

5. (a) Distinguish between 'secondary sources' and 'tertiary sources' of information with examples.

(b) Explain the concept of 'FAQ' as an information sources. how does it benefit to library users?

(c) Discuss the importance of human sources. **5+5+5**

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Course – CC 2.2

[Library automation and Networking (Theory)]

Full Marks—40 Time—2 Hours

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Answer questions no. 1 and any two from the rest.

1. Write short notes on any two of the following :

5×2=10

(a) ASC II and UNICODE

(b) Problem solving through Ishikawa Diagram

(c) Software development process (waterfall model).

(d) Worldcat

2. (a) Write an algorithm to issue a book to a library members only if (1) the book is available (2) the member has no over due fine exceeding Rs. 500.

(b) Draw a flow chart to determine the largest no. of issues among three transactions (X, Y, Z).

(c) Based on level of abstraction and programming paradigm classify various types of programming languages.

5+5+5

3. (a) Differentiate between the TCP/IP and OSI models.

(b) Briefly describe the following Network protocols - HTTP, FTP, SMTP, DHCP.

(c) What is a function of GATEWAY and Firewall in a library Network?

3+10+2

4. (a) Discuss the planning and implementation process for library automation including the selection of hardware and software.

(b) Discuss the emerging trends in library automation, including the role of AI, RFID and cloud-based systems.

8+7

5. (a) Discuss general system requirement and functional requirement that a modern LMS should fulfill.

(b) Evaluate any one prominent open source LMS.

8+7

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Course – CC 2.4

[Advance Cataloguing (Practice)]

Full Marks—40 Time—2 Hours

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Answer any four of the following : 4×10

Prepare the main entries with tracing, necessary reference entries and headings (Access points) as required for a Dictionary Catalogue according to AACR-2R (1988). Assign necessary subject headings from Sears List of Subject Headings. Mention the edition of SLSHs used.

1. T.P. : A New Map of South America / Southern Region / Edited by Robert Sayer / scale CA 1:1850000 / Produced by Central Intelligence Agency, United States of America.

O.I. : This map was published from Washington and printed by Robert D. Vougondy in 1969. It is a coloured map / There is a Table showing that 'South America is divided into the continent and the island' / The map also shows boundaries, cities, town and roads along with the coast / Accession Number : 52841.** 10

2. T.P. : Kagaz ke Phool / Guru Dutt Hits / Artist. Guru Dutt / various / cassette / Produced by Guru Dutt Films, Pvt. Ltd. / Recorded by the Gramophone Co. Ltd / Mumbai, 2000.

O. I. : This is a music CD / all songs composed by S. D. Burman and O. P. Nayyar / Language Hindi. It is a stereophonic sound disk of 40 min with 33 and 1/3 rpm. 10

3. T.P. : Renaissance Painting.

O. I. : This is a manuscript of painting book. It has 210 leaves and first 14 leaves are stained by water colour. There is assigned holograph on the manuscript. This manuscript was published as Renaissance Painting : Treasures from the British Literature / Thomas Kren, from Newyork by Hudson Hills Press in 1903.

Size of the manuscript is 24.3 cm × 16.5 cm. 10

4. Master piece classical / written and composed by Mozar + Midas. New Delhi / 1997.10

O. I. : It is 60 minute audio cassette with 2 tracks and stereophonic sound. Playing speed of the cassette is lips, size 4 inch.

Contents : First movement / Allergo Motto. Second movement / Andante. Third movement / Finale ; Allegro Assai

5. The item : A letter by T.S. Eliot to Virginia Woolf / 27 August 1924 / The Writer Wrote this letter at 138 Burleigh Mansions, St. Martins Lane, London W.C.2. It was written on both side of five paper in his own handwriting. It was written in English. 10

6. Stop tobacco use now / Designed by the Ministry of Health and Family welfare. Govt. of India / third enlarged edition / New Delhi / 2014.

One coloured poster, 60 × 42 cm. on glossy paper. It is a part of Swasth Bharat series with No 4.

This Poster is used for World No Tobacco Day. Illustrated with a decaying Lung and anti Smoking slogans. 10

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Course – CC 2.5

[Library Automation and Networking (Practice)]

Full Marks—40 Time—3 Hours

The figures in the right margin indicate marks.

Answer all questions.

Write the steps only and the required commands, when necessary. Save your work in the system provided to you. Mention your System number in the answer script.

1. Execute the following tasks in MS-DOS

2×5=10

- (a) Prepare a directory assigning name as 1st three letter of your own name and last two digit of your roll no. under any hard disk drive like c :; d:, etc.
- (b) Make two sub-directories under your own directory, and further two sub-directories under each sub-directory created by you.
- (c) Create text files under each directory and sub-directory made by yourself.
- (d) Display the content of a file created at 2nd level sub-directory.
- (e) Show the tree structure of all the directories and sub-directories prepared by you. [2]

Or

2. Execute following tasks in LINUX :

2×5=10

- (a) Log on to the server with your login id and password. Make a directory under your user id, and two sub-directories under it.
- (b) Create two files under any two sub-directories.
- (c) Join two files and display the content of joint file.
- (d) Remove read permission for others and assign write permission to group members.
- (e) Display details of your commands executed in this session.

3.

Build a database of periodicals of your library in d-base, incorporating required fields, except amount paid. Add at least three records. Execute command to calculate the amount paid in Rs, converted from different currencies. Show the records that cost more than ₹5000/-

15

Or

4.

Prepare a book database using Winisis. Use MARC-21 tags. Display records in AACR format. **15**

5.

Add three records in Koha, Create two patrons. Charge two books and discharge one of them. **15**

Or

6.

Create book database in MySQL. Add three records. Demonstrate search by specific author, price range, and title. **15**

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