2 Years Integrated Master of Library & Information Science Third Semester examination
2024
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: 5×2=10

   a) Web Dewey
   b) Crane field 2
   c) Problems of Natural Language indexing
   d) Automatic Classification

2. Explain the concept of mapping the universe of subject and discuss its importance in library classification system. Illustrate your answer with examples of how subject maps are developed in organising knowledge.   4+6+5

3. What are the sources of failures regarding 'recall' and 'precision', as identified by Lancaster in MEDLARS? (Besides 'recall' and 'precision', briefly describe other performance measures for information retrieval.)   6+9

4. Compare three highly used search retrieval engines using appropriate parameters. Highlight the relevance of machine learning in IR.   10+5

5. Prepare index entries following various keyword indexing systems for the expressive title- "Treatment of heart diseases in women in West Bengal"   15

----
2 Years Integrated Master of Library & Information Science Third Semester examination
2024
Course – CC 3.2
Management of Information System Service and Organization (Theory)
Answer Question No.1 and any two from the rest.

1. Write short notes on (any two) of the following: 5×2=10
   a) Cost Benefit Analysis
   b) MBO
   c) ISO-900
   d) Induction program in job

2. Define the management function and planning. Mention different types of functions required in different levels of management in respect of a university library. 3+12=15

3. What is budget? Mention the need of budgeting in a library. Discuss in brief any four budgeting techniques.   2+3+10=15

4. What is 'Total Quality Management'? Describe its importance in libraries. Explain how it can be implemented in Library Consortium.   4+6+5=15

5. What do you understand by leadership styles? As a leader, which style would you like to follow. Justify your answer.   7+8=15

Course – CC 3.3
ICT and Digital Library System (Theory)

Answer Question No.1 and any two from the rest.
1. Write short notes on (any two) of the following: 5×2=10
   a) Creative Common Licence
   b) Open Archival Information System (OAIS)
   c) Resource Description Framework
   d) Key features of Open Archive Initiatives

2. Describe the process of normalizing a database upto third Normal Form (3NF) with example. Explain the architecture of a digital library system.   7+8=15

3. (a) Differentiate between Information Retrieval and Data Retrieval.
(b) Diagrammatically describe the Information Retrieval Process.
(c) How various knowledge organisation system can be integrated using SKOS?
                                                    6+4+5=15
4. (a) What do you understand by 'Text Retrieval System'?
(b) How metadata are used to organize and retrieve digital resources?
(c) How does web 2.0 tools impact on user engagement in libraries?   3+5+7=15
5. (a) Describe the main component of the OAI-PMH protocol.
(b) Define the role of 'Data Provider' and 'Service Provider' in the OAI framework.
(c) Explain the significance of 'social tagging' and 'folksonomies in web 2.0 platform.
5+3+7=15

----

2 Years Integrated Master of Library & Information Science Third Semester examination
2024
Course – CC 3.4
(Research Methodology)

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

1. Write short notes on (any two) of the following: 5×2=10

   a) Hypothesis
   b) Research evaluation

c) Application of Historical Research in LIS
d) Data Collections for Research

2. Distinguish between basic and applied research. Briefly discuss the essential components of a research proposal.   5+10=15

3. Define 'plagiarism'. Explain its types and importance in research with example.

                                                        3+12=15

4. Define survey research. Explain the various types of surveys with suitable example. Discuss its importance in LIS research.   3+6+6=15

5. What is citation and why it is important in academic writing? Distinguish between bibliographic coupling and co-citation.   7+8=15

Course – CC 3.5
Resource Description (Practical)

Group-A

Answer any two of the following:

1. The item : Tourist map of Orissa. Department of Tourism / Editor—D. S. Das / Scale 1 : 250,000 / 1 : 3500,000 / Government Printing Press / Kolkata / 2022 / There are 25 coloured maps on sheet 20″ × 13″ folded to 26 × 14 cm. Place names are in Oriya, Bengali and English in orange coloured ink.   10

2. The item : Letter of Swami Vivekananda to Bhagavan Ramakrishna / Baranagore Math / 19th November 1888 / Three leaves / Discussion on Mughabodha and Laghusakwamudi / Size 30 cm × 18 cm. / Bengali Script / Some lines are highlighted with red ink.   10

3. The item : Fare well My Friend / A sound recording arranged and composed by Roger Taylor / Stereo / 1991 / Sound DISC / 33 1/3 rpm / stereo 12 inch. / Also issued in cassette tape / Songs : Roger Taylor with orchestra and in part with background vocals.   10

Group-B

(Compulsory)

Illustrate the steps in designing a vocabulary for subject indexing of micro documents on Local Administration heading taking at least thirty (30) terms. (Internet may be used for term collection). 20

2 Years Integrated Master of Library & Information Science Third Semester examination
2024
Course – CC 3.6
Information and Communication Technology (Theory)

Answer any four from the following questions: 10×4=40

1. Design a database schema in MYSQL for a library system that includes table of books, members and issued books using primary and foreign keys.

2. Write html code for designing a library website with the following options for a Research Institute Library—

(a) Library web catalogue (you may use any web catalogue available in web or your own catalogue prepared in Q.1 or Q.3).

(b) Library circulation area image (may create a layout using PAINT / PHOTOSHOP) with a welcome scrolling message.

(c) List of imaginary hierarchical staff structure.

(d) Contact address where automatic pop-up mail window will open by clicking email address link.

3. Install and configure Php admin page and enter the 5 valid records to the book table created in Q. No. 1 from Php my admin interface.

4. Create XML file to store information about book (use five tags and valid data). Write CSS file to display the above data in a visually appealing table format.

5. Install and configure a CMS (Drupal / Word Press) for a library. Describe the steps involved.

6. Using Php-My Admin interface enter "five valid records to the issue table in Q. No. 1 and show the list of books issued by specific members.

----

2 Years Integrated Master of Library & Information Science Third Semester examination
2024

Course – CEC 3.1 (B)
Information Centers and Systems in Medical Science

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

1. Write short notes of (any two) of the following: 5×2=10

    a) WHO
    b) Web of Science
    c) Indexing Journal
    d) MEDLARS

2. What are information Sources? Why are they important in research? Discuss various types of information sources in health information systems.   3+5+7=15

3. What is health Information System? Discuss briefly the important information systems and programmes available in Health and Medical Sciences.   3+12=15

4. Distinguish between Newsletters and House Journals. Discuss their categories, purpose and importance as source of information in medical and Health.   5+10=15

5. What is Pubmed? Illustrate its characteristics and features. Discuss it as a reliable resource for scholarly communication Services.   3+4+8

----

2 Years Integrated Master of Library & Information Science Third Semester examination
2024
Course – CEC 3.2 (B)
Information Centers and Systems in Engineering and Technology

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

1. Write short notes on (any two) of the following: 5×2=10

    a) Standards
    b) Patent
    c) Web based sources on Engineering and Technology
    d) Dissertations

2. Discuss various primary sources on Engineering and Technology with suitable example.   15

3. How can web-based resources for engineering and Technology be evaluated across different categories? How can trade catalogue be used effectively for business purpose?   10+5=15

4. Which type of source do you consider more suitable for research: secondary or tertiary? Provide justification with appropriate reasons.   15

5. Write in brief the functions and features of NPTEL.   15