

R0120

Sub. Code

932101

M.Lib.I.Sc. DEGREE EXAMINATION, NOVEMBER – 2023

First Semester

Library and Information Science

LIBRARY, COMMUNICATION AND SOCIETY

(CBCS – 2022 onwards)

Time : 3 Hours

Maximum : 75 Marks

Part A

(10 × 1 = 10)

Answer **all** the following objective type questions
by choosing the correct option.

1. The term “processed data” refers to _____
(CO1, K2)
(a) Data (b) Information
(c) Knowledge (d) Wisdom
2. What is the second law of library science? (CO1, K2)
(a) The library is a growing Organism
(b) Books are for use
(c) Every book its reader
(d) Every reader his/her book
3. Shanon and Weaver formulated a new communication model in 1949 that they called (CO2, K2)
(a) Computer Theory (b) Information Theory
(c) General theory (d) Critical Theory

4. Find the odd one out (CO2, K2)
(a) YouTube (b) Flickr
(c) Linkedin (d) Weibo
5. When was “Delivery of Books and News Paper Act” passed (CO3, K6)
(a) 1955 (b) 1954
(c) 1956 (d) 1957
6. Which of the following is the most relevant use of the term “fair use”? (CO3, K6)
(a) Copyright
(b) Usage of e-books
(c) Usage of e-journals
(d) Intellectual Property rights
7. IPRs included (CO3, K6)
(a) Patent
(b) Copyright
(c) Layout design of integrated circuits
(d) All of the above
8. American Library Association (ALA) was established in the year _____ (CO4, K1)
(a) 1870 (b) 1872
(c) 1876 (d) 1969
9. In India, which agency drafted the national library policy? (CO4, K1)
(a) RRLF (b) INFLIBNET
(c) DELNET (d) Ministry of Education

10. IATLIS headquarters is located in (CO4, K1)
(a) Patiala (b) New Delhi
(c) Mumbai (d) Kolkatta

Part B (5 × 5 = 25)

Answer **all** the questions not more than 500 words each.

11. (a) Define the Library and its types. (CO1, K2)

Or

- (b) Describe the characteristics of information. (CO1, K2)

12. (a) Explain Aristotle's model of communication. (CO2, K2)

Or

- (b) Provide an example of a social media application in a library. (CO2, K2)

13. (a) Highlight the features of the Tamil Nadu Public Library Act. (CO3, K6)

Or

- (b) Examine the Library movements in India. (CO3, K6)

14. (a) Define Library Legislation and its importance. (CO3, K6)

Or

- (b) Write a short note on IASLIC. (CO4, K1)

15. (a) Discuss 'National Knowledge Commission'. (CO5, K2)

Or

- (b) Explain Knowledge Society. (CO5, K2)

Part C

(5 × 8 = 40)

Answer **all** the questions not more than 1,000 words each.

16. (a) Enumerate the role of the University library.
(CO1, K2)

Or

- (b) Discuss the Five laws of Library Science and their implications.
(CO1, K2)

17. (a) Describe Shanon and Weaver's Model of the communication process.
(CO2, K2)

Or

- (b) Analyse the barriers of information communication.
(CO2, K2)

18. (a) Give a brief outline of the Right to Information Act, of 2005.
(CO3, K6)

Or

- (b) In chronological order, list 10 library legislations.
(CO3, K6)

19. (a) Discuss the core activities of IFLA.
(CO4, K1)

Or

- (b) Write a summary of LIS Professionals' ethics.
(CO4, K1)

20. (a) Discover how knowledge is organized in the modern world.
(CO5, K2)

Or

- (b) Identify knowledge versus information. (CO5, K2)

R0121

Sub. Code

932102

M.L.I.Sc. DEGREE EXAMINATION, NOVEMBER – 2023

First Semester

Library and Information Science

INFORMATION SOURCES

(CBCS – 2022 onwards)

Time : 3 Hours

Maximum : 75 Marks

Part A

(10 × 1 = 10)

Answer **all** the following objective questions
by choosing the correct option.

1. Today which type of information sources is most useful?
(CO1, K2)
 - (a) Reference sources
 - (b) Documentary source
 - (c) Non-Documentary source
 - (d) Both the Documentary and Non-Documentary sources

2. What are non-documentary sources? (CO1, K2)
 - (a) Which are in printed form
 - (b) Which are in not printed form
 - (c) Which are nor documents
 - (d) None of these

3. What type of information sources are "Almanacs"?
(CO2, K4)
- (a) Ready Reference (b) Dictionaries
(c) Biographies (d) Directories
4. Government records are _____ source of information.
(CO2, K4)
- (a) Secondary (b) Primary
(c) Tertiary (d) All the above
5. FODOR's essential India is _____ (CO2, K4)
- (a) Hand Book (b) Directory
(c) Travel Guide (d) Year Book
6. ROAR stands for (CO4, K1)
- (a) Register of Open Access Repositories
(b) Registration of Open Access Repositories
(c) Registry of Open Access Repositories
(d) Registered of Open Access Repositories
7. Directory of Open Access Journals (DOAJ) Launched in
(CO4, K1)
- (a) 2010 (b) 2006
(c) 2013 (d) 2003
8. MEDLARS offer a free web-based service called _____
(CO5, K5)
- (a) WOS (b) AGRIS
(c) PubMed (d) INIS
9. Listed below are academic social networking sites.
(CO5, K5)
- (a) Facebook (b) Google Scholar
(c) Instagram (d) Twitter

10. Emerald is the database of (CO5, K5)
- (a) Material Science literature
 - (b) Biotechnology Literature
 - (c) Library and Information Science Literature
 - (d) Language Literature

Part B (5 × 5 = 25)

Answer **all** the questions not more than 500 words each.

11. (a) Define the advantages of e-resources. (CO1, K2)

Or

- (b) List out the various types of non-documentary sources. (CO1, K2)

12. (a) Write a short note about the dictionary and its types. (CO2, K4)

Or

- (b) Define the importance of abstracting and indexing services. (CO2, K4)

13. (a) Discuss the activities of the Information Analysis Centre. (CO3, K4)

Or

- (b) Assess the value of humans as information resources. (CO3, K4)

14. (a) What does a data centre mean to you? Describe its different types. (CO3, K4)

Or

- (b) What are the sources of information? (CO1, K5)

15. (a) Explain the subject gateways with examples. (CO4, K1)

Or

(b) Write a short note on DOAR. (CO4, K1)

Part C (5 × 8 = 40)

Answer **all** the questions not more than 1,000 words each.

16. (a) Discuss various categories of information sources. (CO1, K2)

Or

(b) Discuss various evaluation criteria for E-resources. (CO1, K2)

17. (a) What is a reference source? Provide examples of different types of reference sources. (CO2, K4)

Or

(b) Describe the evaluation of information resources. (CO2, K4)

18. (a) Discuss non-documentary information sources. (CO3, K4)

Or

(b) What are referral centres? Distinguish between Libraries and referral centres. (CO3, K4)

19. (a) Describe in detail about biographical sources. (CO4, K1)

Or

(b) Discuss Open Educational Resources and their impact on academics. (CO5, K5)

20. (a) Provide examples of various internet information resources. (CO5, K5)

Or

(b) What is a database? Explain various types of databases with examples. (CO5, K5)

R0122

Sub. Code

932103

M.Lib.I.Sc. DEGREE EXAMINATION, NOVEMBER – 2023

First Semester

Library and Information Science

**KNOWLEDGE ORGANISATION : CLASSIFICATION
AND CATALOGUING**

(CBCS – 2022 onwards)

Time : 3 Hours

Maximum : 75 Marks

Part A

(10 × 1 = 10)

Answer **all** the following objective questions by choosing the correct options.

1. What is the volume number for Relative Index of DDC 19th Edition? (CO1, K2)
(a) 3 (b) 41
(c) 2 (d) 1
2. Table – 7 of first volume in DDC is deals with _____ (CO2, K2)
(a) Religion (b) Person
(c) Area (d) Literature
3. The Dewey Decimal classification was developed by _____ (CO2, K2)
(a) Ranganathan (b) Neelameham
(c) Melvil Dewey (d) Prasad

4. Which edition colon classification was lastly edited by S.R. Ranganathan? (CO2, K2)
- (a) 4 (b) 5
(c) 3 (d) 6
5. Which organization is continuing research on color classification? (CO2, K2)
- (a) DRTC (b) UGC
(c) INFLIBNET (d) IISC
6. Who is the author of “prolegomena to library classification”? (CO2, K2)
- (a) Neelameham (b) Ranganathan
(c) Albert (d) Kaul
7. Who proposed the concept of union catalogue for scientific periodicals? (CO3, K1)
- (a) ALA (b) IFLA
(c) ILA (d) DRTC
8. In which year the HTML mark-up language was proposed? (CO4, K1)
- (a) 1972 (b) 1981
(c) 1986 (d) 1989
9. According to DDC Table-2, the classification number for the country India is _____ (CO2, K2)
- (a) 54 (b) 44
(c) 34 (d) 24
10. Who created BIBFRAME? (CO5, K6)
- (a) S.R. Ranganathan
(b) Henriette Avram
(c) Henry la Foundaine
(d) Melvil Dewey

Part B

(5 × 5 = 25)

Answer **all** the following questions not more than 500 words each.

11. (a) Explain the functions of Library Classification.
(CO1, K2)

Or

- (b) Discuss the importance of notations and their types.
(CO1, K2)

12. (a) Explain the importance of facet analysis. (CO2, K2)

Or

- (b) Write a short note on Sixth Edition of Colon classification.
(CO2, K2)

13. (a) Explain the functions of second generation of OPAC.
(CO3, K1)

Or

- (b) Discuss the salient features of Centralized Cataloguing System in academic library. (CO3, K1)

14. (a) Explain the definition and purpose of ISBD in library science.
(CO3, K1)

Or

- (b) Discuss the purpose of HTML mark-up language.
(CO4, K1)

15. (a) Describe the origin and functions of Web Indexing.
(CO3, K1)

Or

- (b) Define the characteristics of BIBFRAME 2.0
(CO5, K6)

Part C

(5 × 8 = 40)

Answer **all** the following questions not more than 1000 words each.

16. (a) Summarize the definition, scope and functions of Library Classification. (CO1, K2)

Or

- (b) Discuss different types of notations used in classification with examples. (CO1, K2)

17. (a) Briefly analyze the main class arrangement in DDC 19th edition. (CO2, K2)

Or

- (b) Discuss the functions and merits of verbal and notational planes. (CO2, K2)

18. (a) What is Cooperative Catalogue? Discuss its functions and merits in Library Classifications. (CO3, K1)

Or

- (b) Briefly explain the role and purpose of Author and title entries in AACR – II. (CO3, K1)

19. (a) Discuss the purpose and types of meta data standard. (CO4, K1)

Or

- (b) What is DOI? Explain its role in document Retrieval. (CO4, K1)

20. (a) Discuss the salient features of Mark-up languages in Online Access. (CO4, K1)

Or

- (b) Write an essay about origin and development of FRSAD. (CO5, K6)

R0123

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932105

M.Lib.I.Sc. DEGREE EXAMINATION, NOVEMBER – 2023

First Semester

Library and Information Science

**INFORMATION AND COMMUNICATION
TECHNOLOGY FOR INFORMATION MANAGEMENT**

(CBCS – 2022 onwards)

Time : 3 Hours

Maximum : 75 Marks

Part A

(10 × 1 = 10)

Answer **all** the following objective questions by choosing the correct options.

1. What is the full form of RAM? (CO2, K2)
 - (a) Random Access Memory
 - (b) Random Adapter Memory
 - (c) Random Advanced Memory
 - (d) Registry Admission Memory

2. Which generation of computer the Transistor was used? (CO1, K2)
 - (a) Fifth
 - (b) Second
 - (c) Third
 - (d) First

3. FORTAN is a _____. (CO3, K1)
 - (a) Software
 - (b) Input device
 - (c) Language
 - (d) Code

4. Which one of the following is not a storage device? (CO2, K2)
- (a) Hard disc (b) CD
(c) Pen drive (d) Modem
5. Which is an example of application software? (CO3, K1)
- (a) Security Software (b) CAD/CAM system
(c) Operating system (d) Command system
6. The Mouse is _____. (CO1, K2)
- (a) Input (b) Output
(c) Hardware (d) Software
7. What is the full form of LAN? (CO4, K2)
- (a) Local Antenna Network
(b) Local Assembly Network
(c) Local Aran Network
(d) Language Analytic Network
8. In which year TCP/IP was designed? (CO4, K2)
- (a) 1975 (b) 1968
(c) 1980 (d) 1972
9. The first version of R-program was released in _____. (CO5, K6)
- (a) 1995 (b) 1980
(c) 1985 (d) 1990
10. The SQL is a _____. (CO5, K6)
- (a) Software (b) Programming Language
(c) Application (d) Hardware

Part B

(5 × 5 = 25)

Answer **all** the following questions not more than 500 words each.

11. (a) Discuss the major components used in fourth generation of computer. (CO1, K2)

Or

- (b) Explain the objectives of computers in Library management. (CO3, K1)

12. (a) Discuss the importance of input devices in computer operation. (CO1, K2)

Or

- (b) Explain the functions of MS-DOS operating system. (CO2, K2)

13. (a) Write a short notes on “MS-Power point”. (CO3, K1)

Or

- (b) Elaborate the advantages of Library open source software. (CO3, K1)

14. (a) Define computer networks with their types. (CO4, K2)

Or

- (b) Describe the role of bandwidth speed to data transfer. (CO5, K6)

15. (a) Discuss different types of DBMS. (CO5, K6)

Or

- (b) What is ERM? Define its merits in Library management. (CO3, K1)

Part C

(5 × 8 = 40)

Answer **all** the following questions not more than 1000 words each.

16. (a) Briefly discuss the classification of computer with the examples. (CO1, K2)

Or

- (b) Explain the objectives and advantages of output devices. (CO1, K2)

17. (a) Discuss different types of storage devices used in computer with examples. (CO2, K2)

Or

- (b) Summarize different types of system software. (CO3, K1)

18. (a) Elaborately explain the functions and merits of Application Software. (CO3, K1)

Or

- (b) Discuss the salient features of KOHA in Academic Library. (CO3, K1)

19. (a) What is Network Topologies? Sketch and explain any types of Topology. (CO4, K2)

Or

- (b) Briefly discuss the functions of seven layers is OSI Reference Model. (CO4, K2)

20. (a) What is DBMS? Discuss the importance of Hierarchical model in Libraries. (CO5, K6)

Or

- (b) Discuss the purpose and types of various search Engines with the examples. (CO3, K1)

R0124

Sub. Code

932501

**M.Lib. I.Sc. DEGREE EXAMINATION,
NOVEMBER – 2023**

First Semester

Library and Information Science

Elective — ACADEMIC LIBRARY SYSTEM

(CBCS – 2022 onwards)

Time : 3 Hours

Maximum : 75 Marks

Part A

(10 × 1 = 10)

Answer **all** the following objective questions by choosing the correct option.

All questions carry equal marks.

1. A Library which introduces books and inculcate reading habits to students/pupil is (CO1, K1)
 - (a) School library
 - (b) College Library
 - (c) University Library
 - (d) Special Library

2. Which one of the following is an Indian HEI Ranking System? (CO1, K1)
 - (a) The Times Higher Education ranking
 - (b) National Institutional Ranking Farmwork
 - (c) Academic Ranking of World Universities
 - (d) Quacquarelli Symonds ranking

3. Budgeting technique proposed by Peter Phyrre which does not account for the past years is (CO2, K2)
- (a) Line Item Budgeting
 - (b) Zero-Based Budgeting
 - (c) Planning Programming Budgeting System
 - (d) Program Budgeting
4. Which one is not a source of fund to University Libraries? (CO3, K2)
- (a) UGC Grants
 - (b) University Budgetary Allocation
 - (c) Fee and Fine
 - (d) Library Cess
5. Match the following (CO3, K5)
- | List I | List II |
|-----------------------|-------------------------------------|
| (A) Three Card system | (i) Acquisition Section |
| (B) Browne charging | (ii) Periodical Section |
| (C) Standing Order | (iii) Circulation Section |
| (D) APUPA | (iv) Maintenance Section (Shelving) |
- (A) (B) (C) (D)
- (a) (ii), (iii), (i), (iv)
 - (b) (iii), (iv), (i), (ii)
 - (c) (iv), (iii), (ii), (i)
 - (d) (iv), (i), (ii), (iii)
6. Book Banks, Regional Library Centers, and National Information centers are some of the Programs of (CO1, K5)
- (a) UGC
 - (b) AICTE
 - (c) MCI
 - (d) NCTE

7. Find the Odd one out (CO4, K5)
- (a) Patent scope (b) Espacenet
(c) USPTO (d) Shodhganga
8. Assertion (A) : Institutional Repositories are intellectual Assets of an Institution, which collects, preserve, and disseminate Academic knowledge to the user
- Reason (R) : Dspace and c-prints are the prominent IR Softwares (CO4, K5)
- (a) Both (A) and (R) are true
(b) (A) is True but (R) is false
(c) (A) is false but (R) is true
(d) Both (A) and (R) are false
9. Moodle and Google Classroom are (CO5, K2)
- (a) Content Management System
(b) Learning Management System
(c) Integrated Library Management System
(d) Digital Library System
10. IRINS is web-based Research Information Management (RIM) service developed by (CO5, K2)
- (a) DELNET (b) MALIBNET
(c) INFLIBNET (d) BONET

Part B

(5 × 5 = 25)

Answer **all** the questions not more than 500 words each.

11. (a) Bring out the different types of academic libraries and its functions and purpose. (CO1, K1)

Or

- (b) Enumerate the national and international Higher Education Institutional (HEI) ranking framework and its parameters. (CO1, K1)

12. (a) Write a detail note on Budget and budgeting techniques. (CO2, K2)

Or

- (b) Discuss about print and non-print reading materials and explain collection development process of your library. (CO2, K2)

13. (a) Explain Departmentalization of libraries. Elucidate the merits and demerits of Centralization and decentralization. (CO3, K5)

Or

- (b) Give a detail account on functions of Maintenance section including shelving, stock verification and binding. (CO3, K5)

14. (a) Briefly discuss about library authority and library committee with its purpose and prospects. (CO3, K5)

Or

- (b) Enunciate the regional, national, and international library networks and necessity in the electronic environment. (CO4, K5)

15. (a) State any five MOOCs and its objectives that you come across. (CO5, K2)

Or

- (b) What is Library 2.0? Explain the concept and applications of Library 2.0 at your library. (CO5, K2)

Part C (5 × 8 = 40)

Answer **all** questions not more than 1000 words each.

16. (a) What are the basic assumptions on which lifelong learning is based upon? Explain the role of academic libraries upon information literacy and lifelong learning. (CO5, K1)

Or

- (b) Enumerate the role of UGC, AICTE, MCI and NCTE in the development and growth of academic libraries. (CO1, K1)

17. (a) Elaborate the manpower planning and perspectives at your university library. What are the categories of the staff and staffing formula pertaining in university libraries? (CO1, K2)

Or

- (b) Write and detailed account on Green Library and focus and key aspects. How Green Library is differentiated from Smart Library? (CO2, K2)

18. (a) What do you mean by Accessioning? Discuss the functions and importance of Acquisition Section in a library. (CO3, K5)

Or

- (b) How will you brand your library and its products and services? Discuss the role of social media in terms of marketing and branding of libraries. (CO3, K5)

19. (a) Trace the historical developments of Consortia. Explain the resources of E-shodhshindu. (CO4, K5)

Or

- (b) What is Institutional Repositories? Distinguish between Institutional Repositories and Subject specific digital repositories. (CO4, K5)
20. (a) Write an essay on integration of institutional ERP with Library with a suitable example. (CO5, K2)

Or

- (b) What do you mean by research information management? How IEINS play an important role in resource discovery and curation in academia? (CO5, K2)
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R0125

Sub. Code

932301

M.Lib.I.Sc. DEGREE EXAMINATION, NOVEMBER – 2023

Third Semester

Library And Information Science

RESEARCH METHODOLOGY

(CBCS – 2022 onwards)

Time : 3 Hours

Maximum : 75 Marks

Part A

(10 × 1 = 10)

Answer **all** the following question objective by choosing the correct option.

1. Zenith is a peak point I “Spiral of Scientific Method” by S.R. Ranganathan, which marks (CO1, K1)
 - (a) Fundamental Laws
 - (b) Deduced Laws
 - (c) Facts
 - (d) Empirical Laws

2. “Five laws of Library Science” proposed by S.R. Ranganathan has its primary objective the advancement of knowledge and theoretical understanding of the relations among variables is a (CO1, K1)
 - (a) Survey Research (b) Basic Research
 - (c) Applied Research (d) Historical Research

3. Identify the Non-random sampling method from the below list (CO2, K2)

- (a) Simple Random Sampling
- (b) Stratified Sampling
- (c) Snowball Sampling
- (d) Cluster Sampling

4. Studying about the development of writing materials over a period is a _____ research method (CO3, K2)

- (a) Empirical (b) Survey
- (c) Historical (d) Case Study

5. Which measurement scale is considered as naming and labeling the variables, and first level measurement scale in statistics? (CO3, K5)

- (a) Nominal (b) Ordinal
- (c) Interval (d) Ratio

6. Match the following

- | | | |
|-------------------|---|----------------------|
| (A) Journals | 1 | Primary |
| (B) Books | 2 | Secondary |
| (C) Directories | 3 | Tertiary |
| (D) Questionnaire | 4 | Data Collection tool |

(CO3, K5)

- (a) 1,2,3,4 (b) 4,3,2,1,
- (c) 2,1,4,3 (d) 3,2,1,4

7. Most frequently occurring value of distribution is called _____ . (CO4, K5)
- (a) Mean (b) Median
(c) Mode (d) Standard Deviation
8. Which statistical test is commonly used to determine the strength and direction of a relationship between two continuous variables? (CO4, K5)
- (a) t-test (b) ANOVA
(c) Z-test (d) Pearson Correlation
9. Find out the author-date method of referencing style from the following style manual (CO5, K2)
- (a) Vancour (b) IEEE
(c) APA (d) AMA
10. Mendeley and Zotero are (CO5, K2)
- (a) Plagiarism Software
(b) Reference Management Software
(c) Learning Management Software
(d) Statistical S

Part B (5 × 5 = 25)

Answer **all** questions not more than 500 words each.

11. (a) Justify need, objectives and types of research. (CO1, K1)

Or

- (b) Highlights the S.R. Ranganathan's Spiral of Scientific Methods with diagram and interpretation. (CO1, K1)

12. (a) Explain the research design in a diagrammatic manner (CO2, K2)

Or

- (b) Evaluate the null and alternative hypotheses and Type-I and Type-II errors (CO2, K2)

13. (a) Illuminate the Case-Study methods carried out in your library with examples (CO3, K5)

Or

- (b) Differentiate the nuances between interview and observation types of data collection (CO3, K5)

14. (a) What is T-test? When to apply the t-test: State and Prove the t-test with the following dataset.(CO4, K4)

Or

- (b) Define data processing. Indicate editing, coding, and presentation methods of data processing. (CO4, K5)

15. (a) Discuss the components of a research report and how will you evaluate the same. (CO5, K2)

Or

- (b) Referencing methods (In-text Citation) are two types: (CO5, K2)

(i) Author-date method and

(ii) Number method, discuss and put forth examples

Part C

(5 × 8 = 40)

Answer **all** questions in not more than 1000 words each.

16. (a) Research is a systematic process to discover new knowledge. Discuss the formal structure of research right from identification research problem to results description/sharing (CO1, K1)

Or

- (b) Enumerate various types of literature reviews, its functions and purpose and what are the major print and online sources for review of literature? (CO1, K1)

17. (a) Elucidate the sampling techniques, derivation of samples and sample errors during the process of identifying the population and selecting the sample. (CO2, K2)

Or

- (b) What is solicited and unsolicited research proposals? How will you prepare a research proposal for major research with 70 lakhs funding? (CO2, K2)

18. (a) Write an account on data collection tools and techniques in research and discuss the merits and demerits of each tool. (CO3, K5)

Or

- (b) What is the Nominal, ordinal, interval and Ration Scales? How will you apply these scales to measure the data in a right form and method (CO3, K5)

19. (a) What is Statistics? Why statistical analysis play important role in research? Discuss descriptive and inferential and predictive statistics (CO4, K5)

Or

- (b) What are the major statistical analysis tools and software? Dissect the SPSS and its various menus and features for analysis of data. (CO4, K5)
20. (a) What is 10/20/30 rules of presentation (Slides)? Explain the role of tables, charts, figures in report writing? What are the popular chart types we employ while research report writings? (CO5, K2)

Or

- (b) Define research ethics. Discuss the standard ethical tools for research report preparation according to UGC and other regulating bodies in India. (CO5, K5)
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R0126

Sub. Code

932302

**M.Lib. I.Sc. DEGREE EXAMINATION,
NOVEMBER – 2023**

Third Semester

Library and Information Science

INFORMATION RETRIEVAL SYSTEMS

(CBCS – 2022 onwards)

Time : 3 Hours

Maximum : 75 Marks

Part A

(10 × 1 = 10)

Answer **all** the following objective questions by
choosing the correct option.

1. PRECIS was designed by (CO1, K1)
(a) S.R. Ranganathan (b) Ganesh Bhattacharya
(c) Derek Austin (d) Mortimer Tanbe
2. POPSI is an example for (CO1, K1)
(a) Pre Co-ordinate Indexing
(b) Post-Co-ordinate Indexing
(c) Subject Indexing
(d) None of the above
3. Sears List of Subject Headings is the simplified version of (CO2, K2)
(a) Chain procedure
(b) PRECIS
(c) Library of Congress Subject Headings
(d) Subject Indexing

4. Find the odd man out. (CO2, K2)
(a) PRECIS (b) POPSI
(c) Uniterm Indexing (d) Chain Indexing
5. The word Thesaurus is taken from the (CO3, K1)
(a) Latin word (b) Greek word
(c) Hebrew word (d) None of these
6. Thesaurus for Indexing stands for (CO3, K2)
(a) Controlled Vocabulary
(b) Dictionary of Words
(c) Dictionary of Names
(d) Name of a Language Dictionary
7. The Boolean operators were developed by George Boole, who was a/an (CO4, K1)
(a) Engineer (b) Mathematician
(c) Librarian (d) None of these
8. The Index and Indexing services are fallen in (CO4, K1)
(a) Computer service
(b) Selective dissemination of service
(c) General Library Service
(d) Current Awareness Service
9. The terms Recall, Precision, Search Strategy are related to (CO5, K1)
(a) Cataloguing
(b) Classification
(c) Natural Language and Indexing
(d) Information Retrieval
10. Which of the following software is meant for Federated search? (CO5, K1)
(a) Green stone (b) Ubunden
(c) Library Fund (d) Willsys

Part B

(5 × 5 = 25)

Answer **all** the questions not more than 500 words each.

11. (a) Explain the concept Information Retrieval System. (CO1, K2)

Or

- (b) Describe Pre co-ordinate Indexing. (CO1, K2)

12. (a) Write about Indexing Language. (CO2, K3)

Or

- (b) Explain the use of Subject Heading List. (CO2, K3)

13. (a) Explain about Online Information Retrieval. (CO3, K2)

Or

- (b) Describe vocabulary control devices. (CO3, K2)

14. (a) Write about proximity search. (CO4, K3)

Or

- (b) Explain Boolean search. (CO4, K3)

15. (a) Explain the concept Natural Language Processing. (CO5, K2)

Or

- (b) Illustrate the Features of Content Management Systems. (CO5, K2)

Part C

(5 × 8 = 40)

Answer **all** the questions not more than 1000 words each.

16. (a) Discuss POPSI in detail. (CO1, K2)

Or

- (b) Illustrate the problems in Alphabetical Subject Indexing. (CO1, K2)

17. (a) Illustrate Library of Congress Subject Headings. (CO2, K3)

Or

- (b) Explain chain procedure with example. (CO2, K3)

18. (a) Describe the importance and structure of Thesaurus. (CO3, K2)

Or

- (b) Discuss the concept Intelligent Information Retrieval. (CO3, K2)

19. (a) Illustrate the concept and purpose of Information Retrieval Models. (CO4, K3)

Or

- (b) Explain the software's for Information Retrieval. (CO4, K3)

20. (a) Describe the Concept Content Development in detail. (CO5, K2)

Or

- (b) Discuss the current trends in IR Research. (CO5, K2)

R0127

Sub. Code

932303

**M.Lib. I.Sc. DEGREE EXAMINATION,
NOVEMBER – 2023**

Third Semester

Library and Information Science

LIBRARY AUTOMATION

(CBCS – 2022 onwards)

Time : 3 Hours

Maximum : 75 Marks

Part A

(10 × 1 = 10)

Answer **all** the following objective questions by choosing the correct option.

1. CDS/ISDS is created by (CO1, K1)
(a) IBM (b) UNESCO
(c) IFLA (d) NISSAJ
2. UNIX is a (CO1, K1)
(a) Parallel user system
(b) Sequential user system
(c) Multi-user system
(d) Single user system
3. SOUL is introduced by (CO2, K1)
(a) OCLC (b) INFLIBNET
(c) CMC (d) MC
4. KOHA is a (CO2, K1)
(a) In house software
(b) ERP software
(c) Open source software
(d) Outsourcing software

5. INFLIBNET means (CO3, K1)
(a) Indian Library Network
(b) Institute of Library Network
(c) Information and Library Network
(d) Internet Library Network
6. Barcode Technology cannot be used in (CO3, K1)
(a) Cataloguing of books
(b) Stock verification
(c) Circulation of books
(d) Circulation of journals
7. NACLIN is sponsored by (CO4 K2)
(a) INFLIBNET (b) MALIBNET
(c) DELNET (d) NICNET
8. OCLC stands for (CO4, K1)
(a) Online Computer Library Network
(b) Online Computer Library Centre
(c) Ohio Computer Library Centre
(d) Open Communication for Library Community
9. The International Information Format for exchanging information of cataloguing is called as (CO5, K1)
(a) MARC (b) CCF
(c) ISBD (d) UNIMARC
10. CCF was developed by (CO5, K1)
(a) FID (b) ICSV
(c) UNESCO (d) IFLA

Part B

(5 × 5 = 25)

Answer **all** the questions not more than 500 words each.

11. (a) Explain the disadvantages of Library Automation.
(CO1, K2)

Or

- (b) Illustrate the features of online catalogue.
(CO1, K2)

12. (a) Automatic Identification Methods in Libraries —
Justify. (CO2, K5)

Or

- (b) Summarise the importance of library management
software. (CO2, K5)

13. (a) Justify the Housekeeping operations in Libraries.
(CO3, K5)

Or

- (b) Summarise the concepts “Library Administration
and Report Generation”. (CO3, K5)

14. (a) Write about e-shodhsindhu. (CO4, K6)

Or

- (b) Justify the concept LC. (CO4, K6)

15. (a) Illustrate the concept CCF. (CO5, K2)

Or

- (b) Describe Metadata. (CO5, K2)

Part C

(5 × 8 = 40)

Answer **all** the questions not more than 1000 words each.

16. (a) Discuss the importance and purpose of Library Automation. (CO1, K2)

Or

- (b) Illustrate the features of web OPAC. (CO1, K2)

17. (a) Summarise the needs and features of RFID technology. (CO2, K5)

Or

- (b) Assess the features of SOUL. (CO2, K5)

18. (a) Assess the concept Automated Acquisition Control. (CO3, K5)

Or

- (b) Summarise the INFLIBNET's Initiative with respect to Restrospective conversion in Academic Libraries. (CO3, K5)

19. (a) Justify the objectives and functions of INFLIBNET. (CO4, K6)

Or

- (b) Infer the concept OLCL. (CO4, K6)

20. (a) Discuss ISBD in detail. (CO5, K2)

Or

- (b) Illustrate the concept MARC. (CO5, K2)

R0128

Sub. Code

932505

**M.Lib.I.Sc. DEGREE EXAMINATION,
NOVEMBER – 2023**

Third Semester

Library and Information Science

Elective – INFORMETRICS

(CBCS – 2022 onwards)

Time : 3 Hours

Maximum : 75 Marks

Part A

(10 × 1 = 10)

Answer **all** the following objective questions by
choosing the correct option.

1. Biblio means _____ (CO1, K1)
 - (a) Book/Paper
 - (b) Name of the Journal
 - (c) Name of the Publisher
 - (d) Title of the article

2. The term “Altmetrics” was coined by _____. (CO1, K1)
 - (a) Jason Priem (b) Alan Pritchard
 - (c) P. Ingwersen (d) T. Almind

3. The impact of research on online interaction is measured by which of the following? (CO1, K1)
 - (a) Scientometrics (b) Altmetrics
 - (c) Bibliometrics (d) Informetrics

4. Order the chronological sequence (CO1, K1)
- (i) Altmetrics
 - (ii) Bibliometrics
 - (iii) Librametrics
 - (iv) Webometrics
- Options:
- (a) 3, 2, 4, 1
 - (b) 2, 4, 3, 1
 - (c) 1, 2, 4, 3
 - (d) 4, 3, 2, 1
5. Who produces the law $1 : n : n^2$? (CO2, K2)
- (a) Bradford
 - (b) Lotka
 - (c) Zipf
 - (d) Martin
6. What is the law on word usage? (CO2, K2)
- (a) Lotka's Law
 - (b) Bradford's Law
 - (c) Zipf's Law
 - (d) Pareto Principle
7. When did Google Inc. launch Google Scholar? (CO3, K2)
- (a) 2011
 - (b) 2002
 - (c) 2004
 - (d) 2003
8. If two citations are cited together, it is known as _____ (CO3, K2)
- (a) Double Citation
 - (b) Twin Citation
 - (c) Controlled Citation
 - (d) Co-Citation
9. The H-index indicates the quality of (CO3, K2)
- (a) Journal
 - (b) Author
 - (c) Publisher
 - (d) All the above

10. BibExcel is developed by (CO4, K1)
(a) Peter Ingwersen (b) Eugene Garfield
(c) Olle Persson (d) Mike Theiwall

Part B (5 × 5 = 25)

Answer **all** the questions not more than 500 words each.

11. (a) What is Scientometrics? (CO1, K1)

Or

- (b) Explain Circulation Theory. (CO1, K1)

12. (a) Write the empirical laws of bibliometrics. (CO2, K2)

Or

- (b) Define the price theory. (CO2, K2)

13. (a) Explain the Usages of Citation Analysis. (CO3, K2)

Or

- (b) Write a note on bibliographic coupling. (CO3, K2)

14. (a) List out the various Citation Index databases in Web of Science. (CO3, K2)

Or

- (b) How should the impact factor be calculated? (CO3, K2)

15. (a) Describe cluster analysis. (CO4, K1)

Or

- (b) Write short notes : (CO3, K2)
(i) SCI – (E)
(ii) Pub Med

Part C

(5 × 8 = 40)

Answer **all** the questions not more than 1000 words each.

16. (a) Define bibliometrics. Analyze the growth and development of Metric studies. (CO1, K1)

Or

- (b) Bring out literature on obsolescence measurement methods. (CO2, K2)

17. (a) Explain the 'Law of Scattering' and how bibliometrics can be used. (CO2, K2)

Or

- (b) What does scientific productivity mean? How is it measured? (CO1, K1)

18. (a) Define Librametric. How does it apply to the library? (CO1, K1)

Or

- (b) Analyze Altmetrics and its scope and limitations. (CO1, K1)

19. (a) Discuss the various author-level metrics. (CO3, K2)

Or

- (b) Elaborate on various journal indexing databases. (CO3, K2)

20. (a) Describe the various types of diagrams used to represent data graphically. (CO4, K1)

Or

- (b) Discuss various data analysis tools of Bibliometrics. (CO4, K1)