M.Lib.I.Sc. DEGREE EXAMINATION, NOVEMBER – 2024

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. Choose correct sequence from the following.   (CO1, K2)

    (a) Data, Knowledge, Information and Wisdom

    (b) Data, Information, Knowledge, and Wisdom

    (c) Information, Knowledge, and Wisdom

    (d) Wisdom, Information, Knowledge, and Data

2. What is the Third 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. Who created the Sender/Source, Message-Channel-Receiver model of communication?   (CO2, K2)

    (a) Shanon   (b) Newscomb

    (c) Berlo   (d) Gerbner

4. How should libraries be categorised? (CO1, K2)

   (a) Public, Academic, Special, and National

   (b) Public, Academic, and Personal

   (c) Local, National, and International

   (d) Public, National, and Specific

5. The national libraries that store books obtained through the Delivery of Books Act are also known as (CO3, K6)

   (a) Library Collection (b) Depository of Books

   (c) Book of Libraries (d) All the above

6. What law of library science emphasizes library legislation? (CO1, K2)

   (a) First (b) Third

   (c) Second (d) Fifth

7. RTI Act 2005 came into force on (CO3, K6)

   (a) 15 Jan 2005 (b) 15 Aug 2005

   (c) 12 Oct 2005 (d) 12 Nov 2005

8. Under the RTI Act 2005, what is the deadline for getting information? (CO3, K6)

   (a) 30 Days (b) 15 Days

   (c) 45 Days (d) 60 Days

9. World's oldest and largest library association (CO3, K6)

   (a) ALA (b) ILA

   (c) IATLIS (d) IASLIC

10. Tamil Nadu Public Libraries act passed in the year of (CO3, K6)

    (a) 1960 (b) 1948

    (c) 1965 (d) 1967

R1834

Part B (5 × 5 = 25)

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

11. (a) Discuss the role of the Public Library. (CO1, K2)

Or

(b) What is the special library? How it differs from public library? (CO1, K2)

12. (a) Discuss the channels for disseminating information. (CO2, K2)

Or

(b) What is digital information? Give a few examples. (CO2, K2)

13. (a) What is the Right to Information Act? (CO3, K6)

Or

(b) Discuss the importance 'Delivery of Books and News Paper Act'. (CO3, K6)

14. (a) Expand the following (CO4, K1)

(i) IATLIS

(ii) CILIP

(iii) IFLA

(iv) UNESCO.

Or

(b) Give a brief description of the librarian's role in the college library. (CO1, K2)

15. (a) Describe the different types of knowledge. (CO5, K2)

Or

(b) Provide an overview of the role ICT plays in generating information. (CO5, K2)

3 R1834

Part C   (5 × 8 = 40)

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

16. (a) Analyze how Knowledge, Wisdom, and Data are interconnected with suitable examples.   (CO1, K2)

Or

(b) Examine the role of academic libraries.   (CO1, K2)

17. (a) Identify the key agents for Information transfer.
(CO2, K2)

Or

(b) What is Communication? Discuss various channels of communication.   (CO2, K2)

18. (a) Trace the growth and development of Library Legislation in India.   (CO3, K6)

Or

(b) Discuss the Tamil Nadu Public Library Act.
(CO3, K6)

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

Or

(b) Describe professional ethics in the field of library science.   (CO4, K1)

20. (a) How to define knowledge? Examine knowledge's characteristics.   (CO5, K2)

Or

(b) Analyze the characteristics of information.(CO5, K2)

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R1834

R1835

**M.Lib.I.Sc. DEGREE EXAMINATION,
NOVEMBER – 2024.**

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. Generally, the information sources are divided mainly into the following categories?   (CO1, K2)
    (a) Primary and secondary
    (b) Reference and information sources
    (c) Documentary and non-documentary
    (d) Books and periodicals

2. "Grey" Literature means ——————.   (CO1, K2)
    (a) The literature will be published in future
    (b) Literature that is semi-published
    (c) Literature that contains classified information
    (d) Documents bound in grey cloth

3. What is the most current information source among the following?   (CO4, K1)
    (a) Textbooks   (b) E-Journals
    (c) Reference books   (d) All the above

4. Patents are which type of information source. (CO1, K2)
   (a) Primary   (b) Tertiary
   (c) Secondary   (d) All the above

5. Books, Periodicals, maps, and atlases are examples of
   ——————. (CO1, K2)
   (a) Conventional resources
   (b) Neo – Neo-Conventional Resources
   (c) Non-Conventional Resources
   (d) All the above

6. DOAB Stands for (CO4, K1)
   (a) Directory of online access books
   (b) Directory of Open archive books
   (c) Directory of Open Access Books
   (d) Directory of online Archive book

7. Who has developed the PubMed database? (CO4, K1)
   (a) British Library
   (b) Indian Medical Library
   (c) US National Medical Library
   (d) Library of Congress

8. ROAR was created by E-Prints at launched
   ——————. (CO4, K1)
   (a) 2001   (b) 2003
   (c) 2006   (d) 2008

9. Science Direct database is developed by (CO5, K5)
   (a) EBSCO   (b) Web of Science
   (c) Elsevier   (d) Sage

10. RePEc is a database of ——————. (CO5, K5)
    (a) Mathematics   (b) Economics
    (c) History   (d) Zoology

2   **R1835**

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

11. (a) What are the different formats of information sources? (CO1, K2)

Or

(b) List two examples of the various formats. (CO1, K2)

12. (a) Define bibliography; describe its two types with examples. (CO2, K4)

Or

(b) Distinguish between textbook and reference book. (CO2, K4)

13. (a) Explain the institutional website as an information sources. (CO3, K4)

Or

(b) Explain how R and D organizations contribute to information dissemination. (CO3, K4)

14. (a) Differentiate between open-access and subscription-based information sources. (CO4, K1)

Or

(b) Explain the subject of gateways with examples.

(CO4, K1)

15. (a) Write a short note on Google Scholar. (CO5, K4)

Or

(b) Write a short note on DOAB. (CO5, K4)

R1835

Part C (5 × 8 = 40)

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

16. (a) Explain the characteristics of electronic reference sources. (CO2, K4)

Or

(b) Define the dictionary and explain its types with examples. (CO2, K4)

17. (a) Define an Encyclopedia. Describe the various types of encyclopedias. (CO2, K4)

Or

(b) Identify and discuss the various sources of information. (CO2, K4)

18. (a) Critically examine data banks and their services in Indian. (CO3, K4)

Or

(b) What is the importance of organizations as sources of information? (CO3, K4)

19. (a) Describe the criteria used to evaluate electronic information sources. (CO4, K1)

Or

(b) Discuss how the Internet has become an aid to information sources. (CO4, K1)

20. (a) Describe databases and their types with examples. (CO5, K5)

Or

(b) Write about the impact and advantages of Open Access Resources. (CO5, K5)

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4

R1835

M.L.I.Sc. DEGREE EXAMINATION, NOVEMBER – 2024.

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 option.

1.   Notation is   (CO1, K2)

   (a)   Isolate term

   (b)   An artificial language of symbols

   (c)   Special class

   (d)   A mathematical symbol

2.   The primary basic subject 'Bio-chemistry' is formed by

                                                 (CO1, K2)

   (a)   Fission   (b)   Distillation

   (c)   Lamination   (d)   Fusion

3.   Who defined notation as shorthand sign   (CO2, K2)
   (a)   Dr. S. R. Ranganathan
   (b)   Benjamin A. Custer
   (c)   Immanuel Kant
   (d)   E.C. Richardson

4. In which year DDC 23rd edition was Published (CO2, K2)

   (a) 2000   (b) 2011

   (c) 2003   (d) 2010

5. RDA related to   (CO3, K1)

   (a) Classification   (b) Cataloguing

   (c) Searching   (d) Browsing

6. Resource Description Access has divided in to
   ——————— section.   (CO3, K1)

   (a) 10   (b) 12

   (c) 14   (d) 16

7. What is the purpose of Using Z39. 50.... (CO4, K1)

   (a) Processing bibliographical data

   (b) Information retrieval – application

   (c) Data validation

   (d) Move files from one computer to another

8. DOI Stands   (CO4, K1)

   (a) Digital Object Identifier

   (b) Divide Object Identification

   (c) Digital Object Information

   (d) Divide Object Information

9. What does FRBR ———————.   (CO5, K6)

   (a) Functional Records for Bibliographies record

   (b) Functional requirement for Bibliographic records

   (c) Functional Requirement for British Record

   (d) Fundamental requirement of Bibliographic Records

R1836

10. Ontology is   (CO5, K6)

(a) Document service

(b) Catalogue of internet based documents

(c) Classification of Internet based documents

(d) Indexing method

Part B $(5 \times 5 = 25)$

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

11. (a) What is a compound subject? Give a suitable example.   (CO1, K2)

Or

(b) Describe the functions of notation.   (CO1, K2)

12. (a) Describe the importance of Call number.   (CO2, K2)

Or

(b) State the salient features of colon classification 7th edition.   (CO2, K2)

13. (a) Give an overview of library catalogue functions.

                                     (CO3, K1)

Or

(b) Discuss the need for OPAC in a library.   (CO3, K1)

14. (a) Write a note on ISO-2709.   (CO4, K1)

Or

(b) Role of DOI in web search.   (CO4, K1)

15. (a) Define a copy catalogue.   (CO5, K6)

Or

(b) Examine Web Dewey's features.   (CO5, K6)

R1836

Part C (5 × 8 = 40)

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

16. (a) Describe different modes of formation of subjects.

(CO1, K2)

Or

(b) What are the various types of Mnemonics? Discuss in detail. (CO1, K2)

17. (a) What are the different types of classification schemes? Give an explanation. (CO2, K2)

Or

(b) Explain the Five fundamental Categories. (CO2 K2)

18. (a) Provide a detailed description of any three Normative Principles of Cataloguing. (CO3, K1)

Or

(b) Write an overview of centralised and Co-operative Cataloguing. (CO3, K1)

19. (a) Write short note: (CO4, K1)

(i) CCF

(ii) METS

Or

(b) What is MARC-21? Describe in detail the Elements of MARC-21. (CO4, K1)

20. (a) Write short note: (CO5, K6)

(i) Emerging trends in library classification

(ii) BIBFRAME 2.0.

Or

(b) Discuss the role of Library of Congress initiatives in recording bibliographical description. (CO5, K6)

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R1836

M.Sc. DEGREE EXAMINATION, NOVEMBER – 2024

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 option.

1.　Speaker is a/an　　　　　　　　(CO1, K2)

　　(a)　Input device　　(b)　Output device

　　(c)　Manual device　　(d)　Storage device

2.　Fourth generation computer uses　　(CO1, K2)

　　(a)　Valves and tubes

　　(b)　Large scale integrated circuit

　　(c)　Transistor

　　(d)　Small scale integrated circuit

3.　LINUX is an　　　　　　　　(CO2, K2)

　　(a)　Computer hardware

　　(b)　Application software

　　(c)　Computer high level language

　　(d)　Operating system

4. Match the following : (CO2, K2)

List-I | List-II
(I) Browser | (A) Google
(II) Operating System | (B) 'C'
(III) Programming language | (C) Internet Explorer
(IV) Search Engine | (D) Windows

Codes :

(a) I-A II-C III-B IV-D

(b) I-C II-B III-D IV-A

(c) I-C II-D III-B IV-A

(d) I-D II-B III-C IV-A

5. Extension of MS-Word file is (CO3, K1)

(a) .doc (b) .pdf

(c) .jpg (d) .rtf

6. Which of the following is a library management software? (CO3, K1)

(a) AutoLib (b) EPrints

(c) Joomla (d) Drupal

7. Following is not a network protocol (CO4, K2)

(a) HTTP (b) SMTP

(c) TCP/IP (d) Z39.50

8. What topology of computer network provides faster access to servers? (CO4, K2)

(a) BUS Network Topology

(b) RING Network Topology

(c) MULTIPLE RING Network Topology

(d) Single Network Topology

R1837

9. The set of all entities having same attributes is classified as (CO5, K6)

   (a) Attribute type   (b) Function type

   (c) Hierarchy type   (d) Entity type

10. Structured Query Language used in the following.... (CO5, K6)

   (a) Create and Modify database

   (b) Create, Modify and Query database

   (c) Create databases

   (d) Modify database

Part B (5 × 5 = 25)

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

11. (a) Write about the various input and output devices. (CO1, K2)

Or

   (b) How computers are helpful in libraries? (CO1, K2)

12. (a) Discuss the various types of printers. (CO2, K2)

Or

   (b) State features of LINUX. (CO2, K2)

13. (a) What is meant by Software? List its types. (CO3, K1)

Or

   (b) State need for Library Management Software. (CO3, K1)

14. (a) Write about different types of computer networks. (CO4, K2)

Or

   (b) Analyze various techniques for data transmission. (CO4, K2)

15. (a) Describe a hierarchical model with an example. (CO5, K6)

Or

   (b) What are the different components of a DBMS? (CO5, K6)

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R1837

Part C (5 × 8 = 40)

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

16. (a) What is a Computer? Explain the functions of various units of a computer. (CO1, K2)

Or

(b) What are the different generations of computers? (CO1, K2)

17. (a) Describe software with examples. (CO2, K2)

Or

(b) Compare Windows and Linux. (CO2, K2)

18. (a) Discuss the various applications of MS Office. (CO3, K1)

Or

(b) Write detailed notes on System Software and Application Software. (CO3, K1)

19. (a) What is a network? Explain different topologies of networks. (CO4, K2)

Or

(b) Provide an overview of the different types of network devices. (CO4, K2)

20. (a) Define a database. Discuss the characteristics of a database management system? (CO5, K6)

Or

(b) Explain the Relational model with an example. (CO5, K6)

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R1837

M.Lib.I.Sc. DEGREE EXAMINATION, NOVEMBER – 2024

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 type questions by choosing the correct option.

1. The library which supports expansion of ideas and dissemination of knowledge through interpretation research and publication and teaching and extension services is 'known as (CO1, K1)

    (a) National Library

    (b) Public Library

    (c) Academic Library

    (d) Special Library

2. Who was the Chairman of UGC-Model Curriculum Committee (Second) on LIS-2001? (CO1, K1)

    (a) S.R. Ranganathan (b) C.R. Karisiddappa

    (c) P.N. Kaula (d) Bhattacharya

3. P/500 is the staffing formula by S.R. Ranganathan for the
(CO3, K2)

   (a) Periodical Section

   (b) Acquisition Section

   (c) Circulation Section

   (d) Documentation Section

4. Identify the Open Educational Resource from the list below given (CO2, K2)

   (a) Science Direct   (b) Web of science

   (c) Epg pathashala   (d) Emerald Insight

5. At Acquisition Section, the bill passing should be done only after (CO3, K5)

   (a) Selection   (b) Ordering

   (c) Collating   (d) Accessioning

6. Match the following (CO4, K5)

   (a) CeRa   1. Theses

   (b) Sholdhganga   2. Consortium

   (c) Shodhshudhi   3. MOOC

   (d) SWAYAM   4. Plagirism

   (a) 1, 2, 3, 4   (b) 4, 3, 2, 1

   (c) 2, 1, 4, 3   (d) 3, 2, 1, 4

7. Check List, 360 Degree, Bell Shape are some the tools/methods of (CO1, K5)

   (a) Book Selection

   (b) Performance Appraisal

   (c) Financial Estimation

   (d) NAAC Accrediation

2   **R1838**

8. Kardex System of recording and controlling is related
    with   (CO3, K5)

    (a) Books

    (b) CD-ROMs

    (c) Periodicals

    (d) Microforms

9. If the AACR and CCC are Bibliographic Content
    Standards means then MARC and DC are   (CO3, K2)

    (a) Structure Standards

    (b) Vocabulary Standards

    (c) Exchange standards

    (d) None of the Above

10. The term Library 2.0 was coined by Michael Casey on his
    Library Crunch blog, which includes   (CO5, K2)

    (a) Social Networking and Tagging

    (b) RSS Feeds and Alerting Services

    (c) Blogs and Wikis

    (d) All the above

                    Part B $(5 \times 5 = 25)$

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

11. (a) Describe the types, concepts and functions of
         Academic Libraries at this Digital Era   (CO1, K1)

                        Or

    (b) Explain the role of UGC in developing academic
         libraries system in India.   (CO1, K1)

                    3   R1838

12. (a) Enunciate the steps involved in process of manpower development at academic libraries along with the categories of staff at University Libraries. (CO1, K1)

Or

(b) Discuss the financial estimation techniques and revenues and expenditure to the University Libraries. (CO2, K2)

13. (a) What do you mean by Library Authority? Define various authorities and committee pertinent to academic libraries. (CO3, K5)

Or

(b) How will utilize social media to brand dynamic and user-centric information system at your college? (CO4, K5)

14. (a) Define Resource Sharing. Discuss the role of networks and consortia in resource sharing phenomena. (CO4, K5)

Or

(b) Elucidate the concept, structure, need and functions of Institutional Repositories at this contemporary information era. (CO4, K5)

15. (a) Distinguish between Web 2.0 and Library 2.0. Enlist the applications and services provided through Library 2.0 (CO5, K2)

Or

(b) Write shorts notes on the following: (CO5, K2)

(i) Learning Management System (LMS)

(ii) Open Online courses (MOOCs)

4 R1838

Part C (5 × 8 = 40)

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

16. (a) Elaborate the role of academic libraries in supporting formal, online, blended education and lifelong learning. (CO1, K1)

Or

(b) Evaluate the accreditation and assessment agencies like NACC (seven criteria) and NBA and its indicators to measure and ranking Discuss Higher Education Institutional Ranking System in India. (CO1, K1)

17. (a) Write on account of Collection Development: Programs means and methods of purchase challenges. (CO2, K2)

Or

(b) Discuss in detail about planning process of Library Building along with its standards (BIS and ISO). Explain various types of Disaster Management techniques time to time adapted in out Libraries. (CO2, K2)

18. (a) Classify the sections of the library according to its functions and purpose of your University Library. (CO1, K5)

Or

(b) List out the traditional ad modern library furniture equipment and stationeries for effective services. (CO3, K5)

5 R1838

19. (a) Dissect the product and services of INFLIBNET and elucidate the need and services to the research community. (CO4, K5)

Or

(b) What do you mean by OER? Discuss subject specific Open Educational Resources for Higher Education. (CO2, K2)

20. (a) Write an essay about integration of Library with Samarth ERP to enable automation and digital services to the users. (CO5, K2)

Or

(b) Write a detail note on push and pull services rendered by academic libraries to users in a digital era. (CO5, K2)

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6

R1838

R1839	**Sub. Code**
	932301

M.Lib.I.Sc. DEGREE EXAMINATION, NOVEMBER – 2024

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 objective questions by choosing
the correct option.

1. What is research?   (CO1, K1)

   (a) A systematic inquiry to gain knowledge

   (b) Intellectual Guess for knowledge

   (c) Blief about a phenomenon without evidence

   (d) Random Collection of Data

2. Spiral of Scientific method of research to formation of subjects was propounded by   (CO1, K1)

   (a) S.R. Ranganathan

   (b) Frederic Winslow Taylor

   (c) Carl Pearson

   (d) Sigmund Freud

3. The term "Controlled Group" used in   (CO1, K2)

    (a) Survey Research

    (b) Descriptive Research

    (c) Experimental Research

    (d) Historical Research

4. What is been called as an "Intellectual Guess" or a tentative statement about the relationship between two or more variables in a research design?   (CO2, K2)

    (a) Hypothesis

    (b) Literature Review

    (c) Problem Statement

    (d) Objectives

5. Which one of the following is the source of a Hypothesis?
                                                    (CO2, K5)

    (a) Review of Literature

    (b) Statement of the problem

    (c) Objectives

    (d) Findings

6. Assertion (A) :   When the data does not follow normality assumption, the researchers have to perform non-parametric statistics though the data is quantitative

    Reason (R) :   Researchers accomplish Chi-square test, Mann-Whitney U test, Kruskal-Wallis test for the data which does not meet normal Distribution   (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

R1839

7. ————— is used to understand the strength of the relationship between two variable while accounting for the effects/control of one or more other variables

    (CO4, K5)

    (a) Regression

    (b) Partial Correlation

    (c) Chi-Square Test

    (d) t-Test

8. Which one of the following is not a statistical analysis tool? (CO4, K5)

    (a) SPSS   (b) R

    (c) STATA   (d) Turnitin

9. The Research Proposals will not have —————

    (CO2, K2)

    (a) Problem Statement

    (b) Findings

    (c) Methodology

    (d) Objectives

10. Which one of the following is termed as a research report? (CO5, K2)

    (a) Standard   (b) Journal Article

    (c) Review   (d) Thesis

R1839

Part B $(5 \times 5 = 25)$

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

11. (a) Define the Research and explain the objectives of the research. (CO1, K1)

Or

(b) Discuss about Ranganathan's Spiral of Scientific Method in detail. (CO1, K1)

12. (a) What is Hypothesis? Discuss the Null and Alternative Hypothesis. (CO2, K2)

Or

(b) Distinguish between Random and Non-random sampling techniques. (CO2, K2)

13. (a) Write an account of scaling techniques while measuring and labeling the data. (CO3, K5)

Or

(b) Enumerate the primary, secondary and tertiary data sources with suitable examples. (CO3, K5)

14. (a) What do you mean by Descriptive and Inferential Statistics? What is level of significance and p value in inferential statistics. (CO4, K5)

Or

(b) Discuss the measures of central tendency and standard deviation with its formulae. (CO4, K5)

4

R1839

15. (a) Elucidate various presentation methods of data in research report including charts, tables, and figures. (CO5, K5)

Or

(b) What is style Manual? Discuss the different types of style of referencing and citation. (CO5, K2)

Part C (5 × 8 = 40)

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

16. (a) What is Literature Review? Discuss the types and purpose of Literature review in research. (CO1, K1)

Or

(b) Distinguish between Quantitative and Qualitative research, Enumerate the steps involved in research process. (CO1, K1)

17. (a) Do prepare a major research proposal for the ICSSR for the funding of 80 lakhs. (CO2, K2)

Or

(b) List out different types of research design including Cross-sectional and Longitudinal research design. (CO2, K2)

18. (a) Write an essay about tools and techniques of data collection from primary and secondary sources. (CO2, K2)

Or

(b) Elaborate the Survey type of research related to our Library and its application (Collection, user, usage, service evaluation etc.) in detail. (CO1, K5)

5

R1839

19. (a) What are the parametric test? Define and discuss Pearson correlation tests and give inference for the below test (Pearson correlation test at SPSS).

Height (inches) : 56, 60, 64, 66, 68, 72. Weight (kgs): 45, 50, 54, 60, 71, 88

Results : Pearson Correlation Coefficient .939, p-value 0.005 at 0.01 significant level. (CO4, K5)

Or

(b) What do you mean by normality test? What are the parameters will be seen in a data? Explain T-test, and ANOVA. (CO4, K5)

20. (a) Describe the components and format of a Research Report for a PhD Thesis. (CO5, K2)

Or

(b) Define Plagiarism. Discuss Research Publication Ethics (RPE). What are the tools available for plagiarism and state the UGC guidelines in plagiarism. (CO5, K2)

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R1839

R1840		Sub. Code
		932302

M.L.I.Sc. DEGREE EXAMINATION, NOVEMBER – 2024

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. Uniterm indexing was introduced by (CO1, K1)

   (a) Derek Austin (b) S.R. Ranganathan

   (c) Mortimer Taube (d) Ganesh Bhatta Charya

2. Term Entry and Item Entry are the two types of
   (CO1, K1)

   (a) pre co-ordinate indexing

   (b) post co-ordinate indexing

   (c) subject indexing

   (d) none of the above

3. Chain Indexing was developed by (CO2, K1)

   (a) S.R. Ranganathan

   (b) Derek Austin

   (c) Ganesh Bhattacharya

   (d) Gopinath

4. Who developed LCSH? (CO2, K1)

   (a) National Library

   (b) UNISIST

   (c) Library of Congress

   (d) British Library

5. The concept 'Term Truncation' is used in (CO3, K2)

   (a) Thesaurus Construction

   (b) Subject Heading list

   (c) Search formulation

   (d) Citation analysis

6. The term 'NT' and 'BT' are used in (CO3, K1)

   (a) Chain Indexing   (b) KWIC

   (c) Thesaurus   (d) POPSI

7. The logical operators AND, OR and NOT were devised by (CO4, K1)

   (a) Charles Babbage

   (b) Herman Holerith

   (c) George Boole

   (d) Vannevar Bush

8. Recall and Relevance are related to (CO4, K1)

   (a) classification

   (b) cataloguing

   (c) natural language and indexing

   (d) information retrieval

9. Combination of two search techniques is called (CO5, K2)

   (a) Boolean search   (b) Meta search

   (c) Keyword search   (d) Complex search

R1840

10. Bu using single query and setting results from various search engines is called (CO5, K2)

    (a) Wild card search (b) Field search

    (c) Meta search   (d) Phrase search

Part B $(5 \times 5 = 25)$

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

11. (a) Explain the concept subject Indexing. (CO1, K2)

    Or

    (b) Illustrate post co-ordinate Indexing and give example. (CO1, K2)

12. (a) Explain the concept Indexing system. (CO2, K3)

    Or

    (b) Write about Computerised Indexing system.
       (CO2, K3)

13. (a) Illustrate the concept 'Export systems'. (CO3, K2)

    Or

    (b) Explain about Search formulation. (CO3, K2)

14. (a) Illustrate Truncation search. (CO4, K3)

    Or

    (b) Explain Federated search. (CO4, K3)

15. (a) Describe the Interfaces of National Language Processing. (CO5, K2)

    Or

    (b) Explain the guidelines for content development.
       (CO5, K2)

3   **R1840**

Part C (5 × 8 = 40)

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

16. (a) Describe PRECIS in detail. (CO1, K2)

    Or

    (b) Illustrate Uniterm Indexing. (CO1, K2)

17. (a) Illustrate Search list of Subject Headings. (CO2, K3)

    Or

    (b) Explain the concept Citation Indexing. (CO2, K3)

18. (a) Illustrate the steps involved in the construction of Thesaurus. (CO3, K2)

    Or

    (b) Describe the concept online searching and Retrieval. (CO3, K2)

19. (a) Illustrate the criteria for Evaluation of Information Retrieval systems. (CO4, K3)

    Or

    (b) Explain the different search strategies in detail. (CO4, K3)

20. (a) Illustrate the Mark-up Language for content development. (CO5, K2)

    Or

    (b) Explain the concept content Management systems. (CO5, K2)

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R1840

R1841

M.Lib.I.Sc. DEGREE EXAMINATION, NOVEMBER – 2024

Third Semester

LIBRARY AUTOMATION

(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. OPAC stands for (CO1, K1)

    (a) Online Preparation of Cataloguing

    (b) Online Public Access Catalogue

    (c) Operating Automated Computer

    (d) Ohio Public Catalogue

2. Software is used in computer (CO1, K2)

    (a) To operate the system

    (b) To form an interface between the programmer and the machine

    (c) To provide user specific operation

    (d) All of the above

3. E.Granthalaya is developed by (CO2, K5)

    (a) NISCAIR (b) LIBSYS

    (c) NIC (d) DRDO

4. Full form of RFID is   (CO2, K1)

    (a)   Rane Field Identification

    (b)   Radio Field Identification

    (c)   Radio Frequency Immerse

    (d)   Radio Frequency Identification and Detection

5. Find the odd man out   (CO3, K2)

    (a)   Serials control

    (b)   Circulation control

    (c)   Acquisition control

    (d)   INFLIBNET

6. INFLIBNET is situated in   (CO3, K1)

    (a)   Noida   (b)   Delhi

    (c)   Ahmedabad   (d)   Mumbai

7. The head quarter of OCLC is situated at   (CO4, K1)

    (a)   Viena   (b)   Dublin Ohio

    (c)   Las Vegas   (d)   New Marryland

8. INFLIBNET was established by UGC in   (CO4, K1)

    (a)   1987   (b)   1988

    (c)   1985   (d)   1986

9. What is the full form of CCF?   (CO5, K1)

    (a)   Common Communication Format

    (b)   Compulsory Communication Force

    (c)   Classified Catalogue Format

    (d)   Common Catalogue Format

10. What is used in the structure of CCF?   (CO5, K1)

    (a)   ISO I709   (b)   ISO 99

    (c)   ISO 2000   (d)   None of these

2

R1841

Part B (5 × 5 = 25)

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

11. (a) Describe the advantages of library automation. (CO1, K2)

Or

(b) Compare the features of Manual Vs Automated systems. (CO1, K2)

12. (a) Assess the merits of RFID technology. (CO2, K5)

Or

(b) Justify the areas of artificial intelligence in libraries. (CO2, K5)

13. (a) Summarise the purpose of "Retrospective conversion". (CO3, K5)

Or

(b) Assess the advantages of Automated Housekeeping operations. (CO3, K5)

14. (a) Write about CORC. (CO4, K6)

Or

(b) Justify the concept Bibliographic utility networks. (CO4, K6)

15. (a) Explain Dublin core. (CO5, K2)

Or

(b) Describe the standardization in automated cataloguing. (CO5, K2)

3

R1841

Part C (5 × 8 = 40)

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

16. (a) Explain the library automation scenario in India. (CO1, K2)

Or

(b) Describe the features of OPAC in detail. (CO1, K2)

17. (a) Summarise the features and applications of Barcode in Libraries. (CO2, K5)

Or

(b) Evaluate open source softwares. (CO2, K5)

18. (a) Justify the automated serials control. (CO3, K5)

Or

(b) Summarise the concept "Automated Circulation Control". (CO3, K5)

19. (a) Write a detail note on DELNET. (CO4, K6)

Or

(b) Justify INDEST in detail. (CO4, K6)

20. (a) Explain the features of ISO 2709 in detail. (CO5, K2)

Or

(b) Describe Z39.50. (CO5, K2)

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4

R1842	Sub. Code
	932505

**M.Lib.I.Sc. DEGREE EXAMINATION,
NOVEMBER – 2024.**

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. The term Scientometric originated from   (CO1, K1)
   (a) Indian   (b) German
   (c) Russian   (d) Chinese

2. Who was the father of Citation Analysis?   (CO1, K2)
   (a) Peter Ingewersen (b) Eugene Garfield
   (c) Olle Persson   (d) Alan Pritchard

3. Who developed the "Indian Citation Index"?   (CO3, K2)
   (a) DRTC, Bangalore (b) INFLIBNET
   (c) ILA   (d) Knowledge Foundation

4. Scopus is a ——————.   (CO3, K1)
   (a) Full-text database
   (b) Abstract and Citation Database
   (c) Numerical database
   (d) Software

5. In the case where r is the rank of the word and T is its frequency, then rf = c, where C represents constant. What law is this? (CO2, K2)

   (a) Lotka's Law　　　(b) Bradford's Law

   (c) Pareto principle　(d) Zipf's Law

6. The concept of bibliographic coupling was first advocated by (CO3, K1)

   (a) M.M.Kessler　　(b) S.C.Bradford

   (c) B.K.Sen　　　　(d) A. Pritchard

7. Which of the following is an indication of the quality of a research journal? (CO3, K2)

   (a) G-index　　　　(b) i-10 index

   (c) Impact factor　(d) h-index

8. Journal impact factors are calculated over a —————— year (CO3, K1)

   (a) 03　　　　(b) 02

   (c) 04　　　　(d) 05

9. Citespace visualisation tool created by (CO4, K1)

   (a) Steve Harvey　(b) Chaomei Chen

   (c) Robert Burns　(d) Garfield

10. A law of scattering was first formulated by (CO2, K1)

    (a) A.J. Lotka　　(b) G.K. Zipf

    (c) S.C. Bradford　(d) W. Weaver

R1842

Part B (5 × 5 = 25)

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

11. (a)   What are cyber metrics? (CO1, K1)

Or

(b)   Explain exponential growth. (CO2, K2)

12. (a)   What do you understand Zipf's Law? (CO2, K1)

Or

(b)   Write a note on: (CO3, K2)
   (i)   h-index
   (ii)   i-10 index.

13. (a)   Describe the factors that affect scientific productivity. (CO3, K2)

Or

(b)   Define Citation and highlight its uses. (CO3, K1)

14. (a)   How will you identify a good journal? (CO4, K2)

Or

(b)   Write a short note on the Impact factor. (CO3, K2)

15. (a)   Illustrate Co-word mapping with examples.

(CO5, K2)

Or

(b)   Name any four data analysis tools of bibliometrics.

(CO2, K1)

3   R1842

Part C (5 × 8 = 40)

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

16. (a) Trace the origin and development of metric studies. Discuss its importance in the present trend.

(CO1, K1)

Or

(b) What is Librametric? Explain how it is applied in the Library. (CO1, K1)

17. (a) What is bibliometrics? How it's applying quantitative/ Qualitative research publications.

(CO2, K1)

Or

(b) Discuss the concept of growth of knowledge. Distinguish between the Growth and Obsolescence of literature. (CO2, K2)

18. (a) Explain various journal metric tools. (CO3, K2)

Or

(b) Write a short notes: (CO3, K2)

(i) SSCI

(ii) Immediacy index.

19. (a) Elaborate on cocitation mapping and clustering analysis. (CO4, K2)

Or

(b) Discuss in detail: Google Scholar. (CO3, K2)

20. (a) What do you understand by scientific productivity? How do evaluate it? (CO5, K4)

Or

(b) Discuss in detail Scopus database. (CO3, K2)

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R1842