

( PART-B : Descriptive )

Time : 2 hrs. 40 min.

Marks : 50

[ Answer question no.1 & any four (4) from the rest ]

1. What is Library automation? Explain the different steps of Library automation. Elaborate the different housekeeping functions that can be automated in a library. 3+4+3=10
2. Short notes: (any two) 5+5=10
  - a. ERNET
  - b. INFLIBNET
  - c. OCLC
  - d. DELNET
3.
  - a. What is Library consortia? Illustrate with examples. 5+5=10
  - b. What are the selection procedure of hardware and software in library automation?
4.
  - a. What is communication technology? Give examples in present context of time. 6+4=10
  - b. Explain the need and purpose of web-based library services in society.
5.
  - a. What is the present status of DL (Digital Libraries)? 5+5=10
  - b. Elaborate the major DL projects from the 1970's to the present times.
6.
  - a. What is resource sharing? 6+4=10
  - b. Explain library resource sharing among the libraries and information centers which are connected through ICT technologies. Give examples.
7.
  - a. What is data warehousing and data mining? 5+5=10
  - b. Establish a relation of these two with Library and Information Science domain.
8.
  - a. What is Open Access Movement? 3+3+4=10
  - b. What are the OA initiatives and projects in India and globally?
  - c. What are the implications of Open Access Movement for empowering society?

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MASTER OF LIBRARY & INFORMATION SCIENCE  
FOURTH SEMESTER  
LIBRARY AUTOMATION AND NETWORKING  
MLS-402

(Use separate answer scripts for Objective & Descriptive)

Duration : 3 hrs.

Full Marks : 70

( PART-A : Objective )

Time : 20 min.

Marks : 20

Choose the correct answer from the following:

1X20=20

1. Which RFID component is attached to book/item for identification?
  - a. Barcode
  - b. Antenna
  - c. Reader
  - d. Tag
2. What is RJ45?
  - a. A network cable connector.
  - b. A node.
  - c. An electric coupler.
  - d. Video display unit for signaling and controlling multimedia.
3. SIP, the communication protocol communication stands for:
  - a. Signaling Information Protocol
  - b. Internet Session Protocol
  - c. Sound Initiation Protocol
  - d. Session Initiation Protocol
4. Which of the following are protocol standards?  
A) Z39.50    B) Z39.71    C) z39.05    D) z39.81  
Codes:
  - a. A, B,C are correct
  - b. B, C, and D are correct
  - c. A,C, D are correct
  - d. A,B,C are correct
5. Match the following:

<b>List I</b>	<b>List II</b>
a) Crowd Funding	i) Public assistance through donations
b) Crowd sourcing	ii) Collaborative milieu of Knowledge dissemination.
c) Hathi Test	iii) Re-setting due to financial Constraints
d) Social and Cultural Hubs	iv) Collaborative huge collection of digital resources.

Codes: (a)    (b)    (c)    (d)

a.	ii	iv	i	iii	b.	i	iii	iv	ii
c.	ii	iii	iv	i	d.	i	iv	ii	iii
6. A blog usually provides:
  - a) A commentary on a particular subject.
  - b) A personal online diary.
  - c) An online brand advertising of a particular individual or company.
  - d) An Exclusive pre-paid publishing tool and non-illustrative resource.

a. a, c and d are correct	b. b, c and d are correct
c. a, b, c are correct	d. a, b, d are correct

7. Which one is not used as a transmission media for voice/data communication?  
 a. Copper wire                      b. Co-axial cables  
 c. Plastic Wire                      d. Optic Wire
8. **Assertion (A):** Library consortium is to coordinate activities, share resources, combine expertise, not just procurement of e-resources.  
**Reason (R):** UGC INFONET in India can be taken as an example.  
 a. Both (A) and(R) are true                      b. (A) is true and (R) is false  
 c. (R) is true and (A) is false                      d. Both (A) and(R) are false
9. Which of the following is an example of Microblogging?  
 a. Word Press                      b. Blogspot  
 c. Live Journal                      d. Twitter
10. VIDWAN(INFLIBNET) is:  
 a. An open source software.  
 b. An association of intellectuals.  
 c. A programming Language.  
 d. A database of experts and a network of Researchers and Scientists to copyright Law of India.
11. A ..... is a database designed to enable business intelligence activities.  
 a. Data Warehouse                      b. Data mining  
 c. RDBMS                      d. Online Repository
12. The practice of examining large pre-existing databases in order to generate new information is known as.....  
 a. IRS                      b. Data Warehouse  
 c. Data Mining                      d. Information Super Highway
13. The Project entitled "National Library and Information Services Infrastructure for Scholarly Content (N-LIST)", being executed by:  
 a. The UGC-INFONET Digital Library Consortium.  
 b. INFLIBNET Centre.  
 c. The INDEST-AICTE Consortium, IIT Delhi.  
 d. All of the above.
14. The National Digital library of India (NDLI) is a project under:  
 a. Ministry of Human Resource Development, India.  
 b. Ministry of Science and Technology.  
 c. Ministry of Culture.  
 d. NAAC.
15. As of April 2018, there are approximately 212 active .....journals produced in India, according to the UK-based Directory of OA Journals.  
 a. Open Access                      b. Social Sciences Journal  
 c. Science and Technology                      d. Electronic
16. TKDL is an Indian digital knowledge repository of the.....  
 a. Traditional knowledge                      b. Medicinal plants  
 c. Yoga                      d. All of the above

17. WDL is a joint project of:  
 a. LC and UNESCO                      b. ALA and LC  
 c. LC and IFLA                      d. IFLA and UNESCO
18. The Internet Archive is a San Francisco-based .....with the stated mission of "universal access to all knowledge".  
 a. Database of open access to archived web pages.  
 b. Online repository of movies and music.  
 c. Nonprofit Digital Library.  
 d. Software Firm.
19. Project Gutenberg which offers over 57,000 free eBooks was established in:  
 a. 1971                      b. 1990  
 c. 1995                      d. 1970
20. OCLC Headquarters are in:  
 a. Geneva                      b. Dublin, Ohio, United States  
 c. Florida                      d. University of North Dame, US