

**2024/FYUG/ODD/SEM/  
LISIDC-201T/300**

**FYUG Odd Semester Exam., 2024**

**LIBRARY AND INFORMATION SCIENCE  
( 3rd Semester )**

**Course No. : LISIDC-201T**

**( ICT Applications in Libraries )**

*Full Marks : 70*

*Pass Marks : 28*

*Time : 3 hours*

*The figures in the margin indicate full marks  
for the questions*

**UNIT—I**

1. Answer any *four* from the following :  $1 \times 4 = 4$
- (a) Define Information and Communication Technology (ICT).
  - (b) What do you mean by open-source software?
  - (c) What is the name of Microsoft's spreadsheet software?
  - (d) What is the full form of URL?
  - (e) Write the names of two web browsers.

2. What are the main hardware components of a computer? 2

OR

3. What is search engine? Provide two examples. 2

4. Define the term 'computer'. Explain the characteristics of a computer. 8

OR

5. What is a software? Explain the different types of software with examples. 8

### UNIT—II

6. Answer any *four* from the following : 1×4=4

(a) What are the basic housekeeping operations of a library?

(b) Who developed and designed the SOUL (Software for University Libraries)?

(c) Mention the latest version of SOUL and its year of release.

(d) Write the name of ILMS developed by National Informatics Centre (NIC).

(e) What is the full form of OPAC?

7. What is Web OPAC? 2

OR

8. Write a short note on RFID. 2

9. Define library automation. Discuss the advantages of library automation. 8

OR

10. What is an ILMS? Explain the different modules of Koha Software. 8

### UNIT—III

11. Answer any *four* from the following : 1×4=4

(a) Who is the developer of DSpace Software?

(b) What type of content is typically found in an Institutional Repository (IR)?

(c) Mention the name of the digital repository developed by IGNOU.

(d) What is meant by open access resources?

(e) Which web technology is commonly used for creating digital libraries?

12. What is the difference between automation and digitization of library? 2

OR

13. Write a short note on cloud computing. 2

14. What is digital library? Explain the steps involved in the planning stage of a digital library. 8

OR

15. Define Institutional Repository (IR). Write the characteristics of IR. 8

UNIT—IV

16. Answer any four from the following : 1×4=4

- (a) Name two databases developed by DELNET.
- (b) What is the full form of PLANNER?
- (c) What is the name of the e-resource consortium for college libraries?
- (d) What is the full form of OCLC?
- (e) When was E-ShodhSindhu established?

17. What is DELNET? Name the annual convention hosted by it. 2

OR

18. What is Shodhgangotri? 2

19. Define library network. Write a short note on INFLIBNET. 8

OR

20. What is meant by e-resource consortia? What are the benefits of e-resource consortia for the academic libraries? 8

UNIT—V

21. Answer any four from the following : 1×4=4

- (a) Write the name of one AI Software.
- (b) Mention the name of two popular indexing databases.
- (c) Write the name of one LIS journal which is listed in web of science.
- (d) Name one online platform where MOOCs are available.
- (e) Name two popular softwares used for detection of academic plagiarism.

22. What is information retrieval? 2

OR

23. What do you mean by Digital Resource Aggregator? Provide two examples. 2

24. What is Artificial Intelligence (AI)? Write the importance of AI in information retrieval. 8

OR

25. Provide an overview of Massive Open Online Courses (MOOCs). 8

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