

**23BLS4**

(Pages: 2)

Name: .....

Reg. No: .....

**B. Lib. I. Sc. DEGREE EXAMINATION, APRIL 2024**

(Regular/Supplementary/Improvement)

**CC20U LIS T4 – INFORMATION TECHNOLOGY THEORY**

(2020 Admission onwards)

Time: Three Hours

Maximum: 80 Marks

I. Write a short note on the following questions. Each question carries 2 marks.

1. CPU
2. HTML
3. Random access file organization.
4. DBMS
5. SAN
6. PAN
7. OPAC
8. RFID
9. DSpace.
10. Metadata.

**(10 × 2 = 20 Marks)**

II. Write short essays on *six* of the following. Each question carries 5 marks.

11. Explain system software.
12. Describe different types of storage devices.
13. Differentiate between serial and sequential access file organization.
14. Describe different LAN topologies.
15. Describe types of wireless networks.
16. Elaborate on the areas of library automation.
17. Write a detailed note on Greenstone Digital Library Software.
18. Enumerate the concepts and characteristics of Institutional Repositories.

**(6 × 5 = 30 Marks)**

III. Write essays on *two* among the following. Each question carries 15 marks.

19. Describe the features of a high-level language. How does it differ from that of a machine language and assembly language?
20. Define a Database. Explain the organization and types of databases.

21. Define a computer network. Explain in detail different network media used in computer networks.
22. Explain integrated library management software. Describe the features of Koha ILMS.

**(2 × 15 = 30 Marks)**

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