

**19BLS4**

(Pages: 2)

Name.....

Reg. No.....

**B.Lib.I.Sc. DEGREE EXAMINATION, APRIL 2020**  
**CC19U LIS T4 - INFORMATION TECHNOLOGY - THEORY**  
(2019 Admission - Regular)

Time: Three Hours

Maximum: 80 Marks

I. Write short note on any *ten* of the following. Each question carries 2 marks.

1. Optical storage devices.
2. Database management system.
3. Boolean operators.
4. LAN
5. Computer memory.
6. Spread sheet.
7. File design.
8. Flow chart.
9. OPAC
10. Proprietary software.
11. Library networking.
12. Data communication devices.
13. KOHA

**(10 x 2 = 20 Marks)**

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

14. Explain different hardware components of computer.
15. Describe the different parts of a computer with block diagram.
16. Illustrate various types of computer net work topology.
17. What do you mean by operating system? Explain with examples.
18. Elucidate the advantages of Internet in providing library services.
19. List the basic requirements of library automation. Which are the functions of computerised acquisition system.
20. Which are the major computer - based information services that can be provided in a library?
21. Comment on data processing.

**(6 x 5 = 30 Marks)**

III. Write essay on any *two* of the following. Each question carries 15 marks.

22. Which are the major components of Information Technology? Briefly explain the areas of application of Information Technology in the day- to- day human activities.
23. Distinguish between computer hardware and software. Describe different types of software with examples.
24. What do you mean by data communication? Elucidate different kinds of data communication network.
25. What is the need for library automation? Explain the salient features of an open source library management software.

**(2 x 15 = 30 Marks)**

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