

20BLS4S

(Pages: 2)

Name:

Reg. No:

B. Lib. I. Sc DEGREE EXAMINATION 2021
LIS T4 - INFORMATION TECHNOLOGY – THEORY
(2019 Admission – Supplementary/Improvement)

Time: Three Hours

Maximum: 80 Marks

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

1. Open-source software ILMS.
2. Data communication modes.
3. WAN
4. Circuit switching Vs. Packet switching.
5. Flow charting.
6. CPU
7. Boolean operators.
8. RAM
9. File design.
10. Functions of modem.
11. Coaxial cable.
12. Search engine.
13. FTP

(10 × 2 = 20 Marks)

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

14. Write a detailed note on storage media.
15. What is network topology? Explain its types.
16. Explain different methods of File Organizations.
17. Describe hardware components of a computer.
18. Explain Database Management software.
19. What is number system in computer.
20. Describe the functions of operating system.
21. Use of internet in libraries.

(6 × 5 = 30 Marks)

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

22. What is the role of library software packages in library? Explain any one automation software used in academic library.
23. Define data communication. Discuss the features of various types of data communication systems.
24. What is the difference between system software and application software? Discuss various types of application software with examples.
25. The application of Information Technology in many areas has brought about transparency and efficiency. Discuss.

(2 × 15 = 30 Marks)
