

S.No. 8644

22 SECLS 1

(For candidates admitted from 2022–2023 onwards)

**B.Lib. I.Sc. DEGREE EXAMINATION,
NOVEMBER 2022.**

Library and Information Science – Elective

INFORMATION TECHNOLOGY IN LIBRARIES

Time : Three hours

Maximum : 75 marks

SECTION A — (20 marks)

Answer ALL questions.

- I. (A) Multiple Choice (5 × 1 = 5)
1. _____ is the brain of the computer.
 - (a) CPU
 - (b) Monitor
 - (c) Mouse
 - (d) Printer
 2. Big data analysis does the following except?
 - (a) Collects data
 - (b) Spreads data
 - (c) Organizes data
 - (d) Analyses data
 3. Which among the following application software can be used to create, edit, and print documents?
 - (a) Spreadsheet
 - (b) Word processing
 - (c) Database software
 - (d) Desktop publishing (DTP)

4. Which of the following is not an example of DBMS?
 (a) MySQL (b) Microsoft Access
 (c) IBM DB2 (d) Google
5. What is the collection of worksheets called?
 (a) Ledger (b) Book
 (c) Test book (d) Workbook
- (B) Fill in the Blanks (5 × 1 = 5)
6. The invention of _____ gave birth to the much cheaper microcomputers.
7. Applications and services that run on a distributed network using virtualized resources is known as _____.
8. Microsoft Windows is a _____ type of operating software.
9. _____ formats data is stored in the database management.
10. The ability to combine name and addresses with a standard document is called _____.
- II. Descriptive type (5 × 2 = 10)
11. What is Web-client give an example?
12. What is Big Data?

13. What is open source and proprietary software?
14. What is difference between DBMS & RDBMS?
15. What are footnotes and endnotes?

SECTION B — ($5 \times 5 = 25$)

Answer ALL questions, choosing either (a) or (b).

16. (a) What is supercomputer? Describe the applications / characteristics of supercomputers.

Or

- (b) Define Computer Network Architecture. Briefly explain the Client/server network.

17. (a) Describe the challenges in data curation.

Or

- (b) What is cloud Computing? Write the advantages of cloud computing.

18. (a) Write a short note on LINUX operating system.

Or

- (b) Explain the types of popular mobile operating system.

19. (a) State the advantages and Disadvantages of DBMS.

Or

- (b) Write a note on Heap and Hash file organization.
20. (a) Explain the text formatting features in MS-Word.

Or

- (b) Explain the process of working with MS-Power point.

SECTION C — ($3 \times 10 = 30$)

Answer any THREE questions.

21. Briefly elaborate about the manual input devices.
22. Explain the types of cloud computing and types of cloud services.
23. Write an essay on Microsoft Windows operating system.
24. Briefly describe the characteristics of DBMS.
25. Describe the objects supports for the MS-Access Database.