

**2018**

**BLISc. 1st Seme. Examination**

**LIBRARY AUTOMATION AND NETWORKING**

**PAPER—BLI-108**

*Full Marks : 40*

*Time : 2 Hours*

*The figures in the margin indicate full marks.*

*Candidates are required to give their answers in their own words as far as practicable.*

**Answer all questions.**

1. Answer any *four* questions : 4×2
- (a) What is transistor ?
  - (b) What do you mean by hybrid computer ?
  - (c) Why is cache memory used ?
  - (d) Mention two advantages of solid-state device.
  - (e) Enumerate the rules of binary subtraction.
  - (f) Name two unique application software of Library Management System.
  - (g) What are different file attributes ?
  - (h) What is modulation in data communication ?

*(Turn Over)*

2. Write short notes on any *four* questions : 4×4
- (a) Web browser,
  - (b) Coaxial cable,
  - (c) Multitasking operating system,
  - (d) Star topology,
  - (e) Algorithmic language,
  - (f) Linked List,
  - (g) Acquisition module,
  - (h) Computer terminals.
3. Answer any *two* questions : 2×8
- (a) What is word length ? What are the features of fifth generation computer ? Describe the advantages of fifth generation computer. 2+3+3
  - (b) How do you categorise computer software ? Describe the working of linker with diagram. 3+5
  - (c) Explain the hierarchical and network database organising systems with appropriate examples. 4+4
  - (d) Describe the automation process of Library circulation system mentioning required files and their respective fields.
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