

2016

B.LI.Sc.

1st Semester Examination

LIBRARY AUTOMATION AND NETWORKING

PAPER—BLI-108

Full Marks : 40

Time : 2 Hours

The figures in the right-hand margin indicate full marks.

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

Answer all questions.

1. Write short notes on any *two* of the following : 2×5
 - (a) Binary Addition.
 - (b) RFID.
 - (c) RDBMS.
 - (d) Circulation Module of LMS.

2. (a) What are the different categories of Micro Computer ? Distinguish between Mainframe Computer and Super Computer. Briefly describe various input devices.

4+5+6

(Turn Over)

Or

- (b) What is 'modem'? Describe different modulation techniques. Explain various switching techniques with diagram. 3+5+7
3. (a) What is an algorithm? What are the advantages of preparing flowchart? Prepare algorithm and flowchart to find out largest among three numbers. 3+4+8

Or

- (b) Classify different kinds of Computer language based on their intrinsic characteristics. What is the role of Compiler? Illustrate Compilation process with suitable diagram. 7+2+6
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