2017

BLISc

1st Semester Examination '

LIBRARY AUTOMATION AND NETWORKING

PAPER—BLI-108

Subject Code—07

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) Flowchart.
   (b) Compiler.
   (c) Internet Connectivity.
   (d) RFID.

2. (a) Draw the block diagram of a micro-computer. Distinguish between analog computer and digital computer. Explain how the fourth generation computer is superior to the earlier generations of computer.   4+6+5

(Turn Over)

Or

(b) Describe different data transmission modes. Why do we measure data transmission speed in 'bits per second' instead of 'bytes per second'? Illustrate the satellite communication system. 5+3+7

3. (a) Why should we learn binary arithmetic? Explain the process of binary multiplication of two decimal integers and verify the result. 5+10

Or

(b) Discuss the role of operating system. Why do we need multi-programming environment? Distinguish between multi-programming and multi-processing with diagram. 4+3+8

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TB—100