2011

BLISc

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.

Illustrate the answers wherever necessary.

Answer *all* questions.

1. Write in brief on any *five* :   2×5

   (a) Compiler;

   (b) RFID;

   (c) IP address;

   (d) Flowchart;

   (e) Mainframe Computer;

   (f) Scanner;

   (g) Byte.

2. (A) Describe various categories of digital computers and their respective functions. Add $(123)_{10}$ with $(27)_{10}$ in the binary system. 8+7

Or

(B) (i) What is auxiliary storage device ? Categories and describe them. 1+6

(ii) Why do we require modem ? Illustrate different modulation techniques in this connection.

2+6

3. (A) Describe different data models with appropriate examples. Enumerate the special features of bibliographic database. Explain different search techniques in this context. 6+4+5

Or

(B) Describe the processes and activities involved in an automated library system. Analyse the module of Library Management System for subscription and acquisition of Journals. 9+6

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