

BLISc 1st Semester Examination, 2009

LIBRARY AUTOMATION & NETWORKING

PAPER—VIIIA

(Theory)

Full Marks : 40

Time : 2 hours

Answer all questions

The figures in the right-hand margin indicate marks

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

Illustrate the answers wherever necessary

1. Write short notes on any two of the following : 5 × 2

(i) Program Development Tools

(ii) Computer Memory

(iii) Wired Media.

2. (a) What is ASCII ? Illustrate the methods of addition and subtraction in binary system with suitable example. Briefly explain the text representation units. $3 + 8 + 4$

Or

- (b) What is algorithm ? What are different kinds of algorithmic language ? Prepare a flowchart for any computational problem. $3 + 3 + 9$

3. (a) Describe different data models used in designing architecture of a DBMS. Illustrate proximity search with appropriate examples. $12 + 3$

Or

- (b) Enumerate different divisions in Library House-keeping Operations. Analyse the activities for Book Ordering. $6 + 9$