

BLISc 1st Semester Examination, 2011

LIBRARY AUTOMATION AND NETWORKING

PAPER—BLI-108

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. Comment briefly on any five : 2 × 5
- (a) 1st Generation Computer
 - (b) Main Memory
 - (c) ASCII
 - (d) Boolean Algebra

- (e) Deskjet Printer
- (f) High Level Language
- (g) Multiplexing.

2. (a) Enumerate some important characteristics of a computer. What are the significant development of fourth generation computer? Show the basic organisation of a computer system with a diagram. Categorise secondary memory based on media. 4 + 3 + 4 + 4

Or

- (b) (i) Describe satellite communication system. Explain different modulation techniques. 4 + 4
- (ii) What is the function of a compiler? Illustrate the role of program development tools with the help of diagram. 3 + 4

3. (a) (i) What is DBMS? Why is it essential? 3 + 4

- (ii) Describe system software with examples.
Distinguish multiprogramming with
multiprocessing operating system. 4 + 4

Or

- (b) Mention the components of Acquisition
subsystem. Explain the use of RFID in library.
State the salient features of a library
management software. 4 + 5 + 6
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