

2011

MLISc

1st Semester Examination

**INFORMATION AND COMMUNICATION
TECHNOLOGY-I**

PAPER—MLI-107

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 of the following : 2×5**
- (i) FTP ;
 - (ii) Vi-editor ;
 - (iii) Array in C ;
 - (iv) Checking memory in LINUX ;
 - (v) TLD in the context of networking ;
 - (vi) Changing Own information in LINUX ;
 - (vii) Optical Fibre.

(Turn Over)

2. (A) Briefly describe layers of Computer system. Discuss about the services provided by the operating system. What are the enhanced features of operating system ?
4+6+5

Or

- (B) What do you understand by header file in C ? Describe different data types in C. Enumerate various input and output statements. State the operators used in C.
3+5+3+4

3. (A) Briefly explain the concept of DBMS. Why should we use a DBMS ? Explain entity relationship model with suitable diagram.
3+4+8

Or

- (B) What services are provided through internet ? Explain different switching schemes with diagram. Why do we need layering in protocol for network Communication ?
4+6+5
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