

**MASTER OF LIBRARY AND
INFORMATION SCIENCE (Revised)**

Term-End Examination

June, 2006

**MLII-103 : FUNDAMENTALS OF
INFORMATION COMMUNICATION
TECHNOLOGIES**

Time : 3 hours

Maximum Marks : 100

Note : Attempt **all** questions. All questions carry equal marks. Illustrate your answers with suitable examples and diagrams, wherever necessary. Write relevant Q. No. before writing the answer.

1.1 Describe the functions of basic components of a computer system with the help of a diagram.

OR

1.2 Discuss the important characteristics of storage technology and describe the features of different categories of optical storage technology.

2.1 Define the term 'software'. Explain the functions of its different types.

OR

2.2 What is meant by single-user operating system and multi-user operating system ? Discuss the features of two multi-user operating systems.

3.1 Define the term 'programming'. Describe the features of different generations of programming languages with suitable examples.

OR

3.2 How can you classify the data networks by geographical characteristics ? Explain the functions of each of them.

4.1 Describe the features of different forms of electronic media, which are used for storage, distribution and transmission of information.

OR

4.2 Discuss the contributions of IFLA and UNESCO in the development of library and information networks.

5.0 Write short notes on any **three** of the following (in about 300 words each) :

- (a) ISDN
- (b) Future of print media
- (c) Advantages and disadvantages of e-journals
- (d) Object-oriented programming language
- (e) Program development life cycle