MASTER OF LIBRARY AND INFORMATION SCIENCE (Revised)

Term-End Examination

December, 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 Enumerate and describe input/output devices.

OR

1.2 Describe the evolution of different generations of computers and their characteristic features. Discuss the applications envisaged of fifth generation computers.

2.1 What is meant by an operating system ? Describe its various types along with the functions they perform.

OR

2.2 Explain the term 'application software'. Describe its various types with an example of each.

3.1 Describe different types of modern communication systems of information transfer.

OR

3.2 What is meant by the switching technique ? Describe its different forms.

4.1 Explain the concept of multimedia. Discuss the role of hypertext and hypermedia in information delivery.

OR

4.2 Describe the objectives of library and information network and the services they provide.

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

(a)   Algorithm and flow chart

(b)   ISO/OSI reference architecture

(c)   E-publishing and its products

(d)   Bibliographic utility networks at international level

(e)   Storage technology