

**POST GRADUATE DIPLOMA IN
LIBRARY AUTOMATION AND
NETWORKING (PGDLAN)**

Term-End Examination

June, 2006

MLI-001 : INTRODUCTION TO COMPUTERS

Time : 2 hours

Maximum Marks : 50

(Weightage : 40)

Note : Answer **all** questions. All questions carry equal marks. Illustrate your answers with suitable examples and diagrams, wherever necessary. Write relevant question number before writing the answer.

1.1 What are the basic components of a computer system ? Explain their functions with the help of a schematic diagram.

OR

1.2 Distinguish between analog and digital signals. What are the different types of modulation used in data communication ?

2.1 What is meant by memory hierarchy ? Discuss each category in the hierarchy.

OR

2.2 What is office automation ? Enumerate the components of office automation and explain the features of an application software for any one of them.

3.1 What is an Operating System ? Trace the various stages in the evolution of Operating Systems.

OR

3.2 What is a browser ? Explain the features of any one of the Web browsers.

4.1 What is the function of shell in UNIX ? Explain with suitable examples ten commands used in UNIX for file management.

OR

4.2 What is an 'Information Society' ? Discuss its characteristic features.

5.0 Write short notes on any **two** of the following (in about 250 words each) :

- (a) Database creation in MS-Access
- (b) Components in Windows
- (c) Areas of library automation
- (d) Optical disks