

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

**Term-End Examination**

**June, 2015**

00608

**MLI-001 : INTRODUCTION TO COMPUTERS**

*Time : 2 hours*

*Maximum Marks : 50*

*(Weightage : 40%)*

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**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.*

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- 1.1** What do you understand by data communication ?  
Draw a schematic representation of a generic data communication model and discuss its elements.

**OR**

- 1.2** Describe direct access storage devices. Define access time of a direct access device.

**2.1** Describe wired and wireless modes of data transmission. Define transmission speed and bandwidth.

**OR**

**2.2** Discuss system software and its role in the functioning of a computer system.

**3.1** What is an operating system ? Briefly discuss the evolution of operating systems.

**OR**

**3.2** Describe the main features of UNIX operating system and illustrate its structure with a schematic diagram.

**4.1** What do you understand by the term 'Information Society' ? Discuss the policy implications of Information Society.

**OR**

**4.2** What is 'National Information Infrastructure' ? Discuss its impact on library and information services.

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

- (a) Keyboard
- (b) Fibre-optic Cables
- (c) Indian Society moving towards Information Society
- (d) Library Automation