

00411

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

Term-End Examination

December, 2018

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 modes of data transmission ? Explain 10
the types of character transmission techniques.

OR

1.2 What are STP and UTP Cables ? Explain their
advantages and disadvantages.

2.1 What are optical disks ? Explain different types 10
of optical disks.

OR

2.2 Describe memory hierarchy ? Elaborate the types
of memory hierarchy.

3.1 What is distributed operating system ? Explain 10
its advantages.

OR

3.2 What are the technical features of Linux? Discuss its Kernel and its modules.

4.1 Explain the function wizard in Excel with 10 examples.

OR

4.2 Discuss the technological characteristics of National Information Infrastructure.

5.1 Write short notes on **any two** of the following 10 (in about 250 words each) :

- (a) Shannon Weaver Model
 - (b) Need of library automation
 - (c) Config.sys file and its use
 - (d) Shell Scripts
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