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MLI-001

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

Term-End Examination

June, 2025

MLI-001 : INTRODUCTION TO COMPUTERS

Time : 2 Hours

Maximum Marks : 50

Weightage : 40%

Note : (i) *Attempt all questions.*

(ii) *All questions carry equal marks.*

(iii) *Illustrate your answers with suitable examples and diagrams, wherever necessary.*

(iv) *Write relevant question number before writing the answer.*

1. Explain system software in terms of system management, system support and system development. 10

Or

What do you understand by modes of data transmission ? Explain the types of character transmission techniques with example.

2. Describe the areas of automation that are required for patron use in the libraries. 10

Or

Describe multitasking operating system and multiuser operating system. Explain the difference between these two operating systems.

3. What are the tools in MS-Word which can help in formatting a document and make it presentable ? 10

Or

What are the steps to create a chart in MS-Excel spreadsheet and how different chart types can be used.

[3]

4. What are the main factors driving the growth of the information sector in developing countries ? Discuss the impact of the growth the workforce in India. 10

Or

Explain the concept of information society. Discuss its impact on the information profession.

5. Write short notes on any **two** of the following (in about **250** words each) : 5+5

- (a) Bitmapped CRTs
- (b) Shadow Password in Unix
- (c) Barcode Readers
- (d) Components of a Linux System

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