MLI-001

POST GRADUATE DIPLOMA IN LIBRARY AUTOMATION AND NETWORKING (PGDLAN)

Term-End Examination

June, 2022

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 is meant by data communication ? Explain the elements of a general communication model.

OR

1.2 Explain sequential access storage devices stating its characteristics. Give a few examples of these devices.

2.1 Explain Network Operating System and its typical characteristics.

OR

2.2 Define system call with examples.

3.1 What is an Operating System ? Briefly discuss the evolution of operating systems.

OR

3.2 What are the main features of UNIX ? Explain the role of Kernel and Shell in UNIX.

4.1 What are modes of data transmission ? Explain two types of character transmission techniques.

OR

4.2 Highlight the important features of MS PowerPoint, with suitable examples.

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

(a) Fiber Optics

(b) Linux Kernel

(c) Machlup's Analysis

(d) Information Workforce

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