

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

Term-End Examination

June, 2021

**MLI-004 : NETWORKING AND INTERNET
TECHNOLOGY**

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 do you understand by Computer Networking ? Explain WAN and its important technologies.

OR

1.2 Describe Open System Interconnection (OSI) model for computer communication architecture.

2.1 Describe the ISO network management model for network management systems.

OR

2.2 Describe electronic document delivery service. Discuss its methods and various phases.

3.1 Discuss the features of Z39.50 and its role in information retrieval.

OR

3.2 Differentiate between Intranet and Extranet. Discuss their applications in library services.

4.1 Describe Internet Addressing Systems.

OR

4.2 Discuss different types of computer viruses and suggest remedies for avoiding them.

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

- (a) Modem
 - (b) Need for Resource Sharing
 - (c) Network Protocols
 - (d) Bibliographic Information Services
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