

No. of Printed Pages : 3

MLI-004

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

**Term-End Examination
December, 2025**

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

Time : 2 Hours

Maximum Marks : 50

Note : *Answer all questions. All questions carry equal marks. Illustrate your answer with suitable examples and diagrams, wherever necessary. Write relevant question number before writing the answer.*

1. What do you mean by Computer Network ?
Explain the different types of computer networks. 10

Or

Define Internet Protocol. Discuss various types of communication protocols used for Internet.

2. What is Resource Sharing ? Explain the principles of resource sharing as proposed by IFLA. 10

Or

What is HTML ? Make a comparison between XML and SGML.

3. Discuss the features of Spyware, Firewalls and Proxy servers for Internet security. 10

Or

Define LAN. Explain the various topologies used for LAN with suitable diagrams.

4. What do you mean by 'UNICODE' ? Discuss its essential features. 10

Or

Explain National Information Policy on Library and Information Systems.

[3]

5. Write short notes on any *two* of the following
in about **250** words each : 2×5=10

- (a) OSI Reference Model
- (b) Satellite Communication
- (c) Domain Name System (DNS)
- (d) Consortia Based Services

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