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MLI-004

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

Term-End Examination

December, 2023

**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 answer with suitable examples and diagrams, wherever necessary. Write relevant question number before writing the answer.*

1. Describe X.25 devices and protocol operations.

Or

What is meant by guided transmission media ? Describe its different types with their characteristic features.

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2. Explain the concept of National Information Policy for Library and Information systems.

Or

Discuss the impact of electronic technology in interlibrary loan services and resource sharing.

3. Differentiate between Intranet and Extranet and discuss some of their applications in libraries.

Or

What is 'Meta Search Engine' ? How does it differ from a search engine ? Write down the features of Telnet and FTP services.

4. Describe the objectives of resource sharing network. Discuss the role of cataloguing standards and Z39.50 in library and information networks.

Or

Define 'Resource Sharing'. What are the components of a model resource sharing network ? Discuss.

5. Write short notes on any *two* of the following in about **250** words each :
 - (a) Domain Name System (DNS)
 - (b) Storage Area Network (SAN)
 - (c) OSI Reference Model
 - (d) Firewall

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