

No. of Printed Pages : 3

MLI-004

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

Term-End Examination

June, 2025

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

Time : 2 Hours

Maximum Marks : 50

Weightage : 40%

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

1. What do you mean by Open System Interconnection (OSI) ? Discuss all the seven layers of OSI model with a suitable diagram.

B-1640/MLI-004

P. T. O.

Or

Discuss the role of librarians in network-based information services.

2. What do you mean by Internet Protocol ?
Discuss various communication protocols used for Internet.

Or

What do you mean by SGML ? Make a comparison between HTML and Dynamic HTML.

3. Define the term 'Resource Sharing'. Discuss the need and areas of resource sharing.

Or

Discuss the objectives and services provided by INFLIBNET.

4. Explain the concept of Internet Security. Discuss some of the security measures that one can take to protect their computer.

Or

Discuss in brief the different role of librarians with the introduction of new information technology in the networked environment.

[3]

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

- (a) Proxy Servers
- (b) Search Engines
- (c) Computer Viruses
- (d) Internet Relay Chat (IRC)

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