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MLI-004

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

Term-End Examination

December, 2024

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

Time : 2 Hours

Maximum Marks : 50

Weightage : 40%

Note : (i) *Attempt all questions. All questions carry equal marks.*

(ii) *Illustrate your answers with suitable examples and diagrams, wherever necessary.*

(iii) *Write relevant question number before writing the answers.*

1. What do you mean by computer networking ? Describe the various types of computer networks.

Or

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

2. Discuss the role of library networks in resource sharing. Describe the functions and services of DELNET.

Or

Define the term 'Internet'. Discuss the various applications of Internet.

3. What do you mean by Search Engine ? Discuss different search tools with examples.

Or

Discuss the need for networked Information Services. Enumerate the different types of information services under the networked environment.

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

[3]

Or

What is ISO network management model ?
Discuss different conceptual areas of ISO network management model.

5. Write short notes on any *two* of the following (in about **250** words each) :
- (a) Firewalls
 - (b) Instant Messaging
 - (c) Domain Name System (DNS)
 - (d) Packet Switching

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