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MLI-004

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

00647

**Term-End Examination
June, 2010**

**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. Explain the essential components of computer networking. Discuss the functions of transmission media in such devices.

OR

“Just as LAN and WAN were developed to offer resource sharing, distributed applications and file transfer across organizations, neo technologies are emerging to accommodate storage applications.”

Explain the above statement with reference to future networking technologies.

2. What is ISDN ? Describe ISDN devices and their functioning.

OR

What do you understand by Network Management System (NMS) ? Describe ISO network management model.

3. Describe the areas of resource sharing that are practised in the context of libraries.

OR

Describe ILL—Code model of IFLA.

4. What are the components of network architecture ? Describe different network protocols.

OR

Discuss different features of www.

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

- (a) Packet switching
- (b) Firewall
- (c) Proxy servers
- (d) Computer viruses
