

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

Term-End Examination

December, 2015

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

1.1 What do you understand by computer-communication networks ? Explain the essential components of computer networking.

OR

1.2 Explain ISDN and its basic types.

2.1 Describe the ISO network management model for network management systems.

OR

2.2 Describe electronic document delivery service. Discuss its methods and the various phases of electronic document delivery.

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

OR

3.2 Discuss the major elements of management of library and information networks.

4.1 What is a computer virus ? How can the viruses be avoided ?

OR

4.2 What is Intranet ? How is it different from conventional LAN ? Discuss its advantages.

5.0 Write short notes on any *two* of the following in about 250 words each :

- (a) Client Server Computing
- (b) Frame Relay
- (c) Advantages of network-based information services
- (d) Criteria for choosing a search engine