POST GRADUATE DIPLOMA IN LIBRARY AUTOMATION AND NETWORKING (PGDLAN)

00274

Term-End Examination
December, 2012

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 Why was OSI model developed and what are its various layers? Discuss in detail the layer which determines the routing of data packets ?

OR

1.2 Explain various communication protocols used for internet.

2.1 Discuss various components of ISDN devices.

OR

2.2 How is ATM architecture organised? Discuss.

3.1 Explain the concept of National Information Policy for Library and Information Systems.

OR

3.2 Discuss the current patterns of document delivery.

4.1 What are basic objectives of a resource sharing network ? Explain the various components of such a network.

OR

4.2 Why is security in the internet era important ? What measures can be taken to protect and secure our system ?

5.0 Write short notes on *any two* of the following (in about *250* words)

(a) Storage Area Network (SAN)

(b) Meta search engines

(c) Firewall

(d) TCP/IP