POST GRADUATE DIPLOMA IN LIBRARY AUTOMATION AND NETWORKING (PGDLAN)

00444

Term-End Examination
December, 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.

1.1   Describe Virtual Private Network and its essential
      elements to make it functional.

OR

1.2   Explain the client -server architecture and discuss
      its limitations.

2.1   Discuss the barriers to resource sharing and how
      these can be overcome ?

OR

2.2   What is an ATM ? Explain its three layered
      structure.

3.1 Discuss the features of Z 39.50 and its role in information retrieval.

OR

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

4.1 What are Mark-up languages ? Discuss the features of any of them for electronic documents.

OR

4.2 Explain how information in Internet can be secured.

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

(a) Network Operating System

(b) RLIN

(c) JANET

(d) IPR