

00477

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

**Term-End Examination**

**June, 2013**

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

*Time : 2 hours*

*Maximum Marks : 50*

*(Weightage : 40%)*

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*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.*

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1.1 Discuss the essential elements of a functional Virtual Private Network(VPN) ?

**OR**

1.2 What do you understand by transmission media? Explain with examples what is Guided and Unguided media ?

2.1 What do you understand by Frame Relay? Discuss briefly frame relay devices.

**OR**

2.2 Describe the different network topologies.

3.1 Discuss the pre-requisites for resource sharing ?

**OR**

3.2 State various international principles for resource sharing and enumerate guidelines supported by any two of them ?

4.1 Enumerate the different types of information services in the networked environment?

**OR**

4.2 What is Internet protocol ? Discuss briefly various protocols ?

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

- (a) Network Attached Storage (NAS)
  - (b) Listservs
  - (c) Audio and Video streaming
  - (d) Hypertext Markup Language (HTML)
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