

00880
**POST GRADUATE DIPLOMA IN
LIBRARY AUTOMATION AND
NETWORKING (PGDLAN)**

Term-End Examination

December, 2013

**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 Explain the characteristics and uses of different types of computer network transmission media in which waves are guided along a physical path.

OR

1.2 Define Internet Protocol. Describe various communication protocols used for Internet.

2.1. What is meant by user authentication in networks ? Discuss authentication protocols.

OR

2.2 Discuss the impact of electronic technology in interlibrary loan services and resource sharing.

3.1 Discuss with examples different categories of search engines in the context of Internet.

OR

3.2 How are the National Information Policy and National Information Network Policy related ? Discuss any four specific objectives indicating relationship among them.

4.1 Discuss the library and information services offered by INFLIBNET.

OR

4.2 Define Internet, Intranet and Extranet and discuss the features that differentiate them.

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

- (a) Z 39.50
 - (b) OCLC
 - (c) OSI Network model
 - (d) Digital Certificates
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