MLI-004

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

00118

## Term-End Examination

## December, 2011

### 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
networking ? Explain WAN and its important
technologies.

**OR**

1.2    What are the different layers of ISO/OSI reference
model ? Describe the functions of any two of
them. Illustrate with diagrams.

2.1    What is X. 25 ? Describe X. 25 devices.

**OR**

**2.2** What is SMTP ? Describe its functions and limitations. Discuss how POP and IMAP try to solve the problems of SMTP ?

**3.1** Explain the concept and different areas of resource sharing.

**OR**

**3.2** Describe IFLA guidelines for resource sharing.

**4.1** Describe the concept of network protocol and its role in a network.

**OR**

**4.2** Discuss how information in Internet can be secured from damage/misuse.

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

(a) TCP/IP

(b) PING

(c) Internet relay chat

(d) Electronic document delivery

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