



DIT 23

II Semester Diploma in Information Tech. DIT Examination, August 2009
NETWORKING AND COMMUNICATIONS

Time : 3 Hours

Max. Marks : 75

Instruction : Answer all questions in Part – A, any five questions in Part – B.

PART – A

1. What is a Computer Network ? **(2×10+5×1=25)**
2. Explain HTML.
3. Define Router.
4. Name different types of Network Topology.
5. What is WWW ?
6. What is Protocol ?
7. Explain LAN.
8. What is a WAN ?
9. Explain Wireless Communication.
10. Name different layers of OSI Model.
11. Explain the following terms :
 - a) SMTP
 - b) TCP/IP
 - c) HTTP
 - d) MODEM
 - e) Telnet.

P.T.O.



PART – B

Answer **any five** questions :

(5×10=50)

1. Explain various types of data communication.
 2. Explain the different types of network topologies with a neat diagram.
 3. Explain the meaning and importance of protocol in computer networks.
 4. Explain HTML in detail.
 5. Explain different types of communication media.
 6. Explain the architecture of OSI Model.
 7. What is an Internet ? Explain few applications of internet with an example.
 8. Discuss briefly the different layers of TCP/IP Model.
-