

6. Explain the elements of transport protocol.
7. Discuss Encryption with public key.
8. Discuss about simple network management protocol.
9. Write short note on E-Mail.
10. Discuss about protocols for file management.

**SECTION - B** ( 3×20 = 60)

*Answer any THREE questions.*

*All questions carry equal marks.*

11. Discuss all the layers of OSI reference model with a neat diagram.
12. Explain IEEE Standard 802 for LAN.
13. Explain routing algorithms.
14. Discuss Encryption and Decryption methods.
15. Discuss the services of application protocol.

Register Number :

Name of the Candidate :

**2 1 4 6**

**M.Sc. DEGREE EXAMINATION, 2011**

( INFORMATION TECHNOLOGY )

( SECOND SEMSTER )

( PAPER - X )

**241. COMPUTER NETWORKS**

May ]

[ Time : 3 Hours

Maximum : 100 Marks

**SECTION - A** ( 8× 5=40)

*Answer any EIGHT questions.*

*All questions carry equal marks.*

1. Discuss various types of computer network.
2. Explain half duplex and full duplex methods.
3. Write short note on binary synchronous control.
4. Discuss the characteristics of LAN.
5. Discuss any one congestion control algorithm.

**Turn Over**