
COMPUTER NETWORKS

Time : Three hours

Maximum : 100 marks

PART A — (6 × 5 = 30 marks)

Answer any SIX questions.

1. What are the four classes of service primitives in network software?
2. Explain the Wide Area Network (WAN).
3. Explain the Broadband coaxial cable.
4. Explain the Microwave Transmission.
5. Explain the Low-orbit satellite.
6. What are the functions of MODEM?
7. Explain the Traditional cryptography.
8. Discuss Network Security.
9. Explain the digital signature.
10. Explain the Uniform Resource Locator (URL).

PART B — (4 × 10 = 40 marks)

Answer any FOUR questions.

11. Describe the Novell Netware.
 12. Discuss the microwave Transmission.
 13. Explain the Baseband coaxial cable.
 14. Explain the quality of service.
 15. Discuss the Elements of Transport protocols.
 16. Explain the facility of E-mail in details.
- PART C — (2 × 15 = 30 marks)**
- Answer any TWO questions.
17. Explain in detail the structure and functions of OSI model.
 18. Explain the Time division switching.
 19. Comparison of virtual circuit and Datagram subnets.