

MAY 2015

P/ID 17514/PCASP

Time : Three hours

Maximum : 100 marks

PART A — (6 × 5 = 30 marks)

Answer any SIX questions.

1. What are the various categories of wireless networks? Explain them.
2. Describe WAN.
3. Write a note on Simplex, Half-duplex and full duplex communications.
4. Write about Flow Control.
5. Explain Point-to-Point protocol.
6. Compare virtual circuit and Data gram subnet.
7. Give a note on Congestion Prevention Policies.
8. Describe TCP Protocol.

PART B — (7 × 10 = 70 marks)

Answer any SEVEN questions.

9. Explain Protocol hierarchies and design issues for various layers in network architecture.
10. Discuss on Uses of computer Networks.
11. Illustrate Switching.
12. Explain Error detecting codes.
13. Discuss on
 - (a) Static channel allocation in LANs and MANs.
 - (b) Dynamic channel allocation in LANs and MANs
14. Explain collision free protocols.
15. Describe the design issues of network layer.
16. Explain any two Internet Control protocol.
17. Explain the Connection establishment and connection release in elements of Transport layer.
18. Discuss on cryptography.