

**MAY 2016**

**P/ID 17532/PCE14**

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Time : Three hours

Maximum : 100 marks

PART A — (6 × 5 = 30 marks)

Answer any SIX questions.

1. Describe simplified reference model.
2. Differentiate FDMA, TDMA and CDMA.
3. Explain inclination angle of a satellite.
4. Describe Optimization.
5. Explain the various transmission and retransmission techniques.
6. Write about signal propagation in wireless transmission.
7. Explain routing strategies.
8. Explain mobile TCP.

PART B — (7 × 10 = 70 marks)

Answer any SEVEN questions.

9. Draw and explain the overview of wireless communication system.
10. Discuss on TDMA.

11. Describe the functionalities of satellite and explain the concept of routing, localization and handover in them with examples.
  12. Write notes on DECT and TETRA.
  13. Discuss on WATM.
  14. Explain the architecture of Wireless LAN.
  15. Describe Tunneling and Reverse Tunneling in detail.
  16. Explain the goals and requirements of Mobile IP.
  17. Describe traditional TCP.
  18. Discuss on TCP over 2.5/3G wireless networks.
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