

DECEMBER 2014

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. Write about signals in wireless transmission.
2. Explain near/far effect in medium access control.
3. List out the applications of satellite.
4. List the goals of WLAN and explain.
5. Explain Encapsulation.
6. Discuss about Routing.
7. Explain the system architecture and radio interference of UMTS.
8. Write the advantages and disadvantages of snooping TCP.

PART B — (7 × 10 = 70 marks)

Answer any SEVEN questions.

9. Describe spread spectrum technique and explain the two different ways to spread the spectrum.
10. Explain the merits and demerits of cellular systems.

11. Explain architecture of GSM in detail.
  12. Describe the work of GPRS in telecommunication systems.
  13. Write on BLUETOOTH in detail.
  14. Give detail notes of Broadband radio access network.
  15. Give detail account on Mobile ad-hoc networks.
  16. Write detail notes on IPv6.
  17. Discuss about wireless TCP.
  18. Explain Transaction oriented TCP.
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