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Register Number:

Name of the Candidate:

B.B.A DEGREE EXAMINATION, December 2014

(TELECOM MANAGEMENT)

(THIRD YEAR)

(PART - III)

310: TELECOM SYSTEMS

Time: Three hours

Maximum: 100 marks

SECTION - A

Answer any TEN questions.

(10 × 2 = 20)

1. What do you mean by bandwidth?
2. What is the unit of measurement of the capacity of a trunk?
3. Expand CO in CO Switch.
4. What is PBX system?
5. Which technology acted as the backbone for I generation mobiles?
6. Expand CDMA.
7. Twisted cables and coaxial cables transmit which forms of signals?
8. State any two limitations of optical fiber cable networks.
9. What is modem?
10. How fiber optic communication transmits information?
11. What is FHSS?
12. What is TDM?

SECTION - B

Answer any FOUR questions.

(4 × 10 = 40)

13. How can trunks be classified?
14. What do you mean by multiplexing?
15. What are the three general types of outside transmission media?
16. What are "dead spots" in cellular phone services?
17. "Fiber optic is quietly and quickly taking the place of copper wire". Why is it so?
18. What is digital access cross-connect system?

SECTION - C

Answer any TWO questions.

(2 × 20 = 40)

19. Explain the different access technologies used in mobile communication?
20. Bring out a detailed history of mobile phone.
21. What are the components of a typical switched telephone?
22. What are cladding and bundle losses? Explain them.

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