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Register Number:

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Name of the Candidate:

M.B.A. (COMMUNICATION) DEGREE EXAMINATION - 2011**SECOND YEAR****(PAPER – XIII)****250. TELECOMMUNICATION AND NETWORKS SYSTEM***December)**(Time: 3 Hours*

Maximum: 75 Marks

SECTION – A**(5 X 3 = 15 MARKS)****Answer any FIVE questions.****All questions carry equal marks.**

1. Write the sampling theorem.
2. What is quantization error?
3. List the different types of cables.
4. Draw the frame format of FDDI.
5. Define delta modulation.
6. What is optimum filter?
7. What are the different parts of an E-mail address?
8. What is the basic concept of the optical fiber transmission?

SECTION – B**(3 X 10 = 30 MARKS)****Answer any THREE questions.****All questions carry equal marks.**

9. Discuss about natural sampling.
10. Discuss about characteristics of twisted pair.
11. Explain the various features of an Analog signal.
12. Explain the frame format for IP.
13. Discuss about Microwave communication systems.

SECTION – C**(2 X 15 = 30 MARKS)****Answer any TWO questions.****All questions carry equal marks.**

14. Describe the various features of different types of Ethernet technology.
15. Discuss about various modulation with an example.
16. Describe Simple Network Management Protocol.
17. Explain HF electronics and HF transmission.

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