

NOVEMBER 2019

51316/SAE6A/
SAZ6B/SEU6D

Time : Three hours

Maximum : 75 marks

SECTION A – (10 × 2 = 20 marks)

Answer any TEN questions

1. Define: Network
2. What are Protocols?
3. Write a note on: ITU-T.
4. Define: DLE
5. What is meant by MODEM?
6. Write a note on: Propagation Speed.
7. Define: Multiplexing.
8. What is meant by IEEE 802.1?
9. Write the use of MAC.
10. What is ISDN?
11. Define: Channels.
12. What are Routers?

III B.Sc (CS) - Data Communication and Networking

SECTION B – (5 × 5 = 25 marks)

Answer any FIVE questions

13. Discuss about the components used in Data Communication.
14. Write short note on: Network Topology.
15. Discuss about EIA 530 interface standard.
16. Write short notes on: Burst Error.
17. Discuss about Frame Format of the Ethernet.
18. Differentiate between Connection oriented and Connectionless services.
19. Discuss about various types of Bridges.

SECTION C – (3 × 10 = 30 marks)

Answer any THREE questions

20. Describe about classification of networks.
21. Explain about Error Correction and detection methods.
22. What is meant by FDDI? Explain.

23. Describe about ISDN in detail.

24. Explain any two routing algorithms.