

APRIL 2017

51316/SAE6A/
SAZ6B/SEU6D

Time : Three hours

Maximum : 75 marks

PART A — (10 × 2 = 20 marks)

Answer any TEN questions.

1. Define: Simplex Mode.
2. What is meant by Multipoint Connection?
3. What is Mesh Topology?
4. Define: WAN.
5. Write a note on: Serial Transmission.
6. What is meant by Hamming Code?
7. What is Ethernet?
8. What is meant by Packet Switching?
9. What are ISDN Layers?
10. Define: Bridges in Computer Networks.
11. Write a note on: HTML.
12. What is meant by Nonadaptive Routing Algorithm?

III B.Sc (C.S) Data Communication and Networking

PART B — (5 × 5 = 25 marks)

Answer any FIVE questions.

13. Write Short Notes on: Star and Ring Network Topologies.
14. Discuss the functions of Network and Transport Layers.
15. Discuss about MODEMs.
16. Write Short Notes on: Error Correction in Computer Networks.
17. Give a Short Note on: Telephone System.
18. Discuss about ATM Protocol.
19. Write Short Notes on: TCP/IP Network.
22. Describe in detail, different types of Multiplexing.
23. Explain about Packet Layer Protocol.
24. Describe the relationship between Java and an active document.

PART C — (3 × 10 = 30 marks)

Answer any THREE questions.

20. Describe about Protocols and Standards.
21. Discuss in detail, any TWO Unguided Transmission Media used in Computer Networks.