

NOVEMBER 2021

**51316/SAE6A/
SAZ6B/SEU6D**

Time : Three hours

Maximum : 75 marks

PART A — ($10 \times 2 = 20$ marks)

Answer any TEN questions.

1. List the components of data communication.
2. What is LAN?
3. What is Full duplex?
4. Define modern.
5. What is transmission?
6. Expand: ISDN, UDP
7. What is error detection?
8. Define: Circuit switching.
9. What is Demultiplexing?
10. Define: Burst error.
11. What is TCP/IP?
12. What is Bridge?

PART B — ($5 \times 5 = 25$ marks)

Answer any FIVE questions.

13. Explain the components of data communication.
14. Discuss briefly on: serial transmission
15. Write short notes on: Modem
16. Write short notes on: Ethernet
17. Explain the types of multiplexing.
18. Discuss about ATM protocol
19. What is WWW? Explain.

PART C — ($3 \times 10 = 30$ marks)

Answer any THREE questions.

20. Briefly explain about the OSI model with a block diagram.
21. Explain the various guided media transmission.
22. Explain about the ISDN layers with examples.
23. Explain about X.25 layers.
24. Discuss in detail Routers and gateways.