DECEMBER 2024 **U/ID 46518/UCC6B**

Time : Three hours Maximum : 75 marks

PART A — (10 × 2 = 20 marks)

Answer any TEN questions.

1. What is Data Communication?
2. What is Full duplex?
3. What is unguided Media?
4. What is Transmission?
5. Define: Ethernet.
6. What is ATM Topology?
7. What is Packet switching?
8. What is Digital Network?
9. What is Broad Band?
10. Expand ISDN and write its purpose.
11. What is Repeater?
12. What is WWW?

PART B — (5 × 5 = 25 marks)

Answer any FIVE questions.

13. Write short notes on Transmission Models.

14. Explain about: Analog signals.

15. Discuss on Circuit switching.

16. Discuss about ATM protocol.

17. Explain about Error control.

18. Explain about FDDI

19. Explain about: TCP/IP Network.

PART C — (3 × 10 = 30 marks)

Answer any THREE questions.

20. Explain about data communication process.

21. Explain briefly about OSI Model with Neat diagram.

22. Explain frequency distribution Multiplexing.

23. Briefly Explain connection and connectionless services.

24. Briefly Explain anyone routing algorithm with examples.

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