MAY 2023 **U/ID 46518/UCC6B**

Time : Three hours Maximum : 75 marks

PART A — (10 × 2 = 20 marks)

Answer any TEN questions.

1. What are the components of Data communication system?

2. What is MAN?

3. Define Error Detection.

4. What are message switching?

5. What are Digital Network?

6. What are Modems?

7. What is TCP/IP Network?

8. Define ISDN.

9. What is Broad Band?

10. What is Layered protocol?

11. What is Bridge?

12. What is meant by routing?

PART B — ($5 \times 5 = 25$ marks)

Answer any FIVE questions.

13. Discuss about different categories of Network Topology.

14. What are the responsibilities of the Transport layer? Explain briefly.

15. Write short notes on Error Detection.

16. Discuss briefly on FDDI.

17. Explain about X.25 Layers with suitable Examples.

18. Explain about Routers with Examples.

19. Write short notes on : WWW

PART C — ($3 \times 10 = 30$ marks)

Answer any THREE questions.

20. Explain about different categories of computer Network.

21. Describe in detail about unguided media with suitable Examples.

22. Briefly explain the following:

    (a) Token Bus.

    (b) Token Ring.

23. Explain about ISDN Layers with Necessary Examples.

24. Write short notes on :

    (a) Bridges.

    (b) ATM Protocol.
