DECEMBER 2023 **P/ID 16309/PIT3F**

Time : Three hours Maximum : 80 marks

PART A — (10 × 2 = 20 marks)

Answer any TEN questions

1. Define ARPANET.
2. Expand IMPs.
3. Mention about carrier sense multiple access.
4. Define queuing delay.
5. What is mean by solitons?
6. What is the use of network accelerator?
7. List the fields of frame in data link layer.
8. What is mean by automatic repeat request?
9. Brief notes on distance vector routing.
10. What is mean by count to infinity problem?
11. Define three-way handshake.
12. Define cyber text.

PART B — (5 × 6 = 30 marks)

Answer any FIVE questions

13. Explain about RFID.

14. Summarize on bandwidth limited signals on physical layer.

15. Brief about infrared transmission.

16. Explain about fibre cable with diagram.

17. Brief about utopian simplex protocol.

18. Explain about flooding.

19. Summarize on transport layer.

PART C — (3 × 10 = 30 marks)

Answer any THREE questions

20. Explain in detail about magnetic media and twisted pairs.

21. Elaborate about the global system for mobile communication.

22. Summarize on low earth orbit satellite.

23. Give a detail explanation on routing for mobile host.

24. Elaborate on internet transport protocol.

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