DECEMBER 2022 **P/ID 16309/PIT3F**

Time : Three hours Maximum : 80 marks

PART A — (10 × 2 = 20 marks)

Answer any TEN questions.

1. Give short notes on network hardware.

2. Mention about PAN.

3. What is mean by sensor networks?

4. Define speed of light.

5. Expand UWS.

6. What is mean by path loss?

7. Draw a frame structure for pure ALOHA.

8. Define Poisson model.

9. Give an example end-to-end argument.

10. Define label switching.

11. Write a short note on transport service user.

12. What is mean by one-time pad?

PART B — (5 × 6 = 30 marks)

Answer any FIVE questions.

13. Summarize about guided transmission media.

14. Explain about wireless LANs.

15. Brief on geostationary satellite

16. Outline on passband transmission

17. Give short notes on static channel allocation.

18. Mention about load shedding.

19. Explain about substitution ciphers.

PART C — (3 × 10 = 30 marks)

Answer any THREE questions.

20. Elaborate on TCP/IP model.

21. Explain in detail about frequency division multiplexing.

22. Explain with neat structure about multiple access Protocols.

23. Give detail explanation on IP protocol.

24. Explain in detail about cryptography.

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