DECEMBER 2022

P/ID 17614/ PCA4L/PCAED

Time : Three hours Maximum : 80 marks

SECTION A — ($10 \times 2 = 20$ marks)

Answer any TEN questions.

1. Define the term PAN.

2. What is called Fourier series?

3. What are twisted-pairs?

4. What is called path loss?

5. Define digital modulation.

6. List out the methods in framing.

7. What is referred to as PAR?

8. Define the term reservation protocol.

9. Compare datagram and virtual-circuit networks.

10. What is meant by jitter?

11. What is called transport entity?

12. Write a note on TCP.

SECTION B — ($5 \times 6 = 30$ marks)

Answer any FIVE questions.

13. Write short notes on WAN.

14. Discuss on TCP/IP model.

15. Brief on microwave transmission.

16. Write short notes on data link layer issues.

17. Explain the channel allocation problem.

18. Describe about traffic shaping in Quality Of Services.

19. Elucidate on TCP service model.

SECTION C — ($3 \times 10 = 30$ marks)

Answer any THREE questions.

20. Elaborate on guided transmission media.

21. Illustrate the concept of error detection and correction.

22. Explain the sliding window protocols.

23. Explain in detail about congestion control algorithm.

24. Explain the basic aspects of cryptography.

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