

APRIL 2016

55833/PSD2A

Time : Three hours

Maximum : 75 marks

PART A — (10 × 1 = 10 marks)

Answer any TEN questions.

1. Define the term – packets.
2. Define – Blue tooth.
3. What are peers?
4. What is meant by Bent Pipe?
5. Define – frequency.
6. What is meant by Toll office?
7. What are the four fields of a frame?
8. Expand – ARQ.
9. What is meant by Virtual circuit?
10. Define – Flooding.
11. Expand – TPDU.
12. Write any two primitives for a simple transport service.

PART B — ($5 \times 5 = 25$ marks)

Answer any FIVE questions.

13. What are the two types of transmission technology? Discuss.
14. Write a note on MAN.
15. Discuss on Low-earth orbit satellites.
16. Write about Message switching.
17. Write a note on Sliding window protocols.
18. Compare Virtual circuit and Datagram subnets.
19. Discuss on Transposition ciphers.

PART C — ($4 \times 10 = 40$ marks)

Answer any FOUR questions.

20. Explain OSI reference model.
21. Give a detailed note on INTERNET.
22. Describe the structure of telephone system.

23. Give a detailed note on Channel allocation problem.
 24. Explain Congestion control in Datagram subnets.
 25. Explain Transmission Control Protocol.
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