APRIL 2017 **55833/PSD2A**

Time : Three hours Maximum : 75 marks

PART A — (10 × 1 = 10 marks)

Answer any TEN questions.

1. Define Unicasting.

2. What is Peers?

3. Define Wave length.

4. Expand GEO.

5. What is Digital Modulation?

6. What is meant by Piggy backing?

7. Expand NIC.

8. What is Non Persistent CSMA?

9. Define Datagrams.

10. What are the two classes of Routing algorithms?

11. Expand TPDU.

12. Write down any two Primitives for a simple transport service.

PART B — (5 × 5 = 25 marks)

Answer any FIVE questions.

13. Write a note on Wide Area Network.

14. Write about Protocol Hierarchies.

15. Write a note on Frequency Division Multiplexing.

16. Discuss on Error Correcting Codes.

17. Write about Sliding Window Protocols.

18. Compare Virtual Circuit and Datagram Subnet.

19. Write a note on Cryptography.

PART C — (4 × 10 = 40 marks)

Answer any FOUR questions.

20. Explain the OSI reference model.

21. Give a detailed note on Guided Transmission Media.

22. Describe the structure of the Telephone system.

23. Explain Carrier Sense Multiple Access Protocols.

24. Give a detailed note on IP Addresses.

25. Explain the elements of Transport Protocols.

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