

MAY 2011

P/ID 17419/RBX

Time : Three hours

Maximum : 75 marks

PART A — (5 × 5 = 25 marks)

Answer ALL questions.

All questions carry equal marks.

1. (a) Illustrate the uses of Computer networks.

Or

(b) Compare Connection Oriented and Connectionless networks.

2. (a) Discuss about the Guided Transmission media.

Or

(b) Explain about ISDN system Architecture.

3. (a) Discuss about Transmission Impairments.

Or

(b) Discuss about the concept of Framing in data link layer.

4. (a) Compare Virtual circuit with datagram subnet.

Or

- (b) Write a short note on Flooding.

5. (a) Discuss on Quality of Service.

Or

- (b) What is addressing? What are the two types?

PART B — (5 × 10 = 50 marks)

Answer any FIVE questions.

All questions carry equal marks.

6. Write in detail about OSI Reference model.
7. What is Switching? Explain its types in detail.
8. Explain about the Theoretical basis for data communication.
9. Explain in detail about the sliding window protocols.
10. Discuss about the satellite networks in detail.

11. Explain about the choke packets.
 12. Write in detail about E-Mail.
 13. Discuss about the elements of transport protocol.
-