

Roll No.

Total Pages : 02

ET-5/D-18

35002

COMPUTER NETWORKS

CSE-303

Time : Three Hours]

[Maximum Marks : 75

Note : Attempt *Five* questions in all, selecting at least *one* question from each Unit.

4. With an example explain the sliding window Flow Control Mechanism.

Unit III

5. Explain the significance of Switching ? What are different switching techniques used in computer networks ? Discuss:

6. Explain TCP Connection Management Finite State Machine. Explain all states in it.

Unit I

1. What is the significance of ISDN ? Explain the basic concept of ISDN. Give the protocol architecture of ISDN.

2. Explain the following error detection techniques :

- (a) Parity Check
(b) CRC
(c) Chaksum.

Unit IV

7. With an example explain the Dynamic routing algorithms used in computer networks.

8. What are the reasons for congestion ? What are the problems with congestion ?

Unit II

3. With neat sketch explain Twisted pair cables, connectors of twisted pair, cables with neat graph explain the performance of Twisted pair cables.