

6E3201

B.Tech VI Semester (Main/Back) exam. May, 2012
Computer Engineering
6CS1 Computer Networks
Common to CS & IT

Time : 3 Hours**Maximum Marks : 80****Min. Passing Marks : 24***Instructions to Candidates:*

Attempt any **five questions**, selecting one question from **each unit**.
 All Question carry **equal marks**. Schematic diagrams must be shown
 wherever necessary. Any data you feel missing suitably be assumed
 and stated clearly.

Units of quantities used/ calculated must be stated clerly.

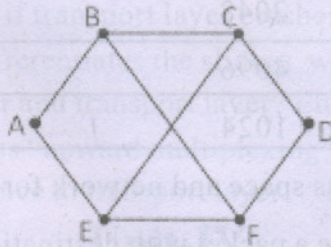
Use of following supporting material is permitted during examination. (Men-
 tioned in form No. 205)

1. _____ Nil _____

2. _____ Nil _____

Unit-I

1. (a) Flooding is used to distribute link state packets. How the population
 of link state packets is controlled Explain. 4
- (b) Construct the link state packet. buffer for the network shown in fig
 1. at node B.



Assume suitable values for fields not shown in the fig. 5

- (c) Buffering of data at receiving end improves the quality of service though at
 some cost. Agree or disagree with reasons and example. 4
- (d) Define jitter. Why is it important to control it? Explain. 3