<div align="center">**OR**</div>

6. a) Discuss how the networks differ from each other   6

    b) Discuss about the Leaky Bucket Algorithm   6

<div align="center">**UNIT-IV**</div>

7. a) Describe the elements of Transport Protocols   6

    b) Describe Multiplexing techniques   6

<div align="center">**OR**</div>

8. Explain Internet Transport Protocols:
   a) TCP b) UDP   12

<div align="center">**UNIT-V**</div>

9. a) Describe World Wide Web   6

    b) Describe the client side issues and server side issues in WWW   6

<div align="center">**OR**</div>

10. What are the different components of Multimedia? Explain the
    services provided by the multimedia   12

<div align="right">[3,7/VI S/113]</div>

[EURCS 601/EURIT 601]
B.Tech. Degree Examination

CSE/IT
VI SEMESTER

COMPUTER NETWORKS
(Effective from the admitted batch 2007–08)

Time: 3 Hours   **Max.Marks: 60**

Instructions: Each Unit carries 12 marks.
Answer all units choosing one question from each unit.
All parts of the unit must be answered in one place only.
Figures in the right hand margin indicate marks allotted.

UNIT-I

1. a) Explain the following terms:
   i) MAC sublayer b) ATM c) ISDN   6
   b) Explain the function of each layer in ISO OSI reference model
   for computer networks   6

OR

2. a) Compare and contrast the OSI model with TCP/IP model   6
   b) Explain ALOHA protocols   6

UNIT-II

3. Write short notes on the following:
   a) CDMA b) IEEE 802.11 Frame c) 802.11 architecture   12

OR

4. Explain the following:
   a) Spanning tree bridges b) Repeaters c) Hubs   12

UNIT-III

5. a) What are the different techniques for achieving good quality of
   service   6
   b) Describe how the different networks are connected   6