Exam. Code : 103206
Subject Code : 1170

### B.A./B.Sc. 6th Semester
### COMPUTER SCIENCE
### (Information Technology)

Time Allowed—3 Hours]                    [Maximum Marks—75

**Note :—** Attempt any **FIVE** questions. All questions are of equal marks.

1.  (a)  What is the use of Networks in Information Technology ? Name different topologies used in Network.                                          7.5

    (b)  Write a short note on satellite in wireless communication.                                    7.5

2.  (a)  What is meant by network protocols ? Explain the use of Network Interface Card.            7.5

    (b)  What is difference between multiprogramming and multitasking ?                              7.5

3.  (a)  Explain Decision Support System and how it is used ?                                         7.5

    (b)  Write a short note on transaction processing system.
                                                          7.5

4.  Define network operating system. Explain the components of any one network operating system.          15

5.  Define the following :

    (a)  System Development tools

    (b)  Expert System and its uses.                        15

6. What is client server model ? How database server is used for database applications ? 15

7. What are the advantages of the Internet ? How you can protect the Internet from misuse by unauthorized persons ? 15

8. (a) What are the Roles and Responsibilities of System Analyst ? 7.5

   (b) Discuss the importance of DTP knowledge for career in computers. 7.5