

5. Define the following :
- (a) Database Servers
  - (b) Expert system and its uses.
6. What is client server model ? Discuss its applications and advantages.
7. What are the uses of the Internet ? How you can protect the Internet from misuse by unauthorized persons ?
8. (a) What are the Roles and Responsibilities of System Managers ?
- (b) Discuss the importance of DTP in planning and organizing the software.

**Exam. Code : 103206**  
**Subject Code : 1169**

**B.A./B.Sc. 6<sup>th</sup> Semester**  
**COMPUTER SCIENCE**  
**(Information Technology)**

Time Allowed—2 Hours] [Maximum Marks—75

**Note** :— There are **Eight** questions of equal marks. Candidates are required to attempt any **Four** questions.

1. (a) Explain the advantages of Networks in Information Technology. Name different topologies used in Network.  
(b) Discuss the types of wireless communication.
2. (a) What is Network protocol ? Explain with example.  
(b) Give the examples of multiprogramming and multitasking.
3. (a) Explain the main components of Decision Support System.  
(b) Write the use of transaction processing system.
4. What is network operating system and its advantage ? Explain the components of any one of network operating systems.