

Exam. Code : 103206

Subject Code : 1210

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

Time Allowed—3 Hours] [Maximum Marks—75

Note :— Attempt any *five* questions. All questions carry equal marks.

1. (a) Define Network. Explain the types of Network. 7.5
(b) Write the functioning of Wireless Media. What are its advantages ? 7.5
2. (a) What are network protocols ? Explain the use of TCP/IP protocol. 7.5
(b) Describe the concept of multiuser operating system. 7.5
3. (a) Discuss the role of management information system in information technology. 7.5
(b) Write a short note on system development process and tools. 7.5
4. What is Network Operating System ? Write the major features and components of Windows NT. 15
5. Define the following :
(a) Expert System
(b) Transaction Processing System. 15

6. What are the advantages of using a client server network ? Discuss the functions of database server. 15
7. How do computers connect to each other over the Internet ? List the hardwares and softwares used for it. 15
8. (a) What are the roles and responsibilities of a Computer Programmer ? 7.5
- (b) What is the importance of Desktop Publishing in the Office ? 7.5