

Exam. Code : 105706

Subject Code : 1456

B.Sc. (Information Technology) 6th Semester
NETWORK OPERATING SYSTEM/CLIENT
SERVER APPLICATION

Paper—I & II Option-II

Paper—I

Time Allowed—3 Hours]

[Maximum Marks—75

Note :— Attempt any **five** questions. All questions carry equal marks. The students can use only non-programmable and non-storage type calculator.

1. What do you mean by an Operating System ? What are various views of an Operating System ? Discuss in detail
15
2. What are various network topologies ? Discuss in detail giving their relative merits and demerits. 15
3. Define Network Operating System. List various Network Operating Systems you are familiar with. Discuss in detail the salient features of any one. 15
4. Discuss in detail the architecture of Windows NT. Also explain various features of Windows NT. 15
5. How user accounts and groups are prepared in Novel Netware ? What kinds of access rights can be given in a user account ? 15

6. What do you mean by Disk Management ? What are various techniques of disk management ? What are the recovery procedures if a disk failure occurs ? 15
7. What is a database server ? Give a detailed description of functions provided by database server in a Network Operating System environment. 15
8. Elaborate the client server model. What are various applications of client server model ? Discuss in detail. 15