

Exam. Code : 105706
Subject Code: 1461

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

Paper-I, Option-II

Time Allowed—2 Hours] [Maximum Marks—75

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

1. Define an operating system. Discuss in brief the history and evolution of operating system. What are basic functions performed by an operating system ? Elaborate. 18.75
2. What do you mean by computer network ? What are various applications of computer network ? Discuss in brief. 18.75
3. What do you mean by network operating system ? List various network operating systems you are familiar with. Discuss in detail the salient features of Novel Netware. 18.75
4. What do you mean by network operating system ? What are the various components of network operating system ? Elaborate. 18.75

5. Discuss in detail the architecture of Windows NT. Also explain various features of Windows NT. 18.75
6. How user accounts and groups are prepared in Novel Netware ? What kinds of access rights can be given in a user account ? 18.75
7. What is proxy server in computing networking ? Explain the procedure to design a client server model by creating a proxy server. 18.75
8. What is client model ? What are its advantages and disadvantages ? Describe various applications of client server model. 18.75