

Exam. Code : 208601

Subject Code : 4697

M.Sc. (IT) Semester—I

NETWORK OPERATING SYSTEMS

Paper—MIT-104

Time Allowed—3 Hours]

[Maximum Marks—100

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

1. (a) What is need of Network Operating System (NOS) ?
(b) Discuss the general Architecture of a Network Operating System (NOS) ?
2. (a) What is speciality of Kernel in NOS ?
(b) Discuss the file System of Windows 2003.
3. Explain following with reference to a NOS :
(a) Active Directory
(b) Proxy Server
(c) Use of IIS
4. (a) Explain Disk Quota and Disk Fragmentation with reference to Linux.
(b) Explain RAID.

5. What is difference between static and dynamic IP address ?
What is use of DHCP ?
6. Explain different types of User and Group accounts and their need with reference to any NOS. Also explain, how will you create user and group accounts.
7. (a) How task management is carried out in any Network Operating System ?
(b) Compare major features of Windows 2003 and Unix.
8. (a) What is Telnet ? Explain various commands available in FTP.
(b) What are design goals of Distributed Systems ?