

Exam. Code : 208601**Subject Code : 3695****M.Sc. Information Technology Ist Semester****MIT-104 : NETWORK OPERATING SYSTEMS**

Time Allowed—Three Hours] [Maximum Marks—100

Note :—Attempt **FIVE** questions, selecting at least **ONE** question from each part. The **Fifth** question may be attempted from any part.

PART—A

1. (a) Discuss the essential features of a Network Operating System. 10
- (b) What is MySQL ? Discuss its advantages and limitations in detail. 10
2. Discuss the architecture of Windows 2003 in detail. 20

PART—B

3. (a) What is DNS server ? Discuss the various ways in which it can be installed in Windows 2003. 5
- (b) Explain the concept of Forward and Reverse Lookup zones in DNS. 5
- (c) Explain various types of records that can be created in DNS Zone files. 10

4. Discuss the following disk configurations in detail :

- (i) Mirror Volumes
- (ii) Spanned Volumes
- (iii) Stripe Sets
- (iv) Stripe Set with Parity. 20

PART—C

5. Explain the use of performance monitor tool in Windows 2003. 20

6. (a) What is the advantage of creating groups in Windows 2003 ? Discuss types of groups in Windows 2003, mentioning the pre-existing groups/special groups. 10

(b) How can you troubleshoot user accounts in Windows 2003 ? 10

PART—D

7. (a) Differentiate between Logs and Alerts. How will you set up alerts in Windows 2003 ? 10

(b) Explain the following :

(i) Event Viewer 5

(ii) Network and Process Objects. 5

8. Write a short note on following :

(a) Linux as Network Operating System 5

(b) Audit Policy 5

(c) Distributed Systems 5

(d) Telnet. 5