

Roll No.

Total No. of Questions : 09]

[Total No. of Pages : 02

B.Tech. (Sem. - 6th)
NETWORK OPERATING SYSTEM
SUBJECT CODE : IT - 308
Paper ID : [A0522]

[Note : Please fill subject code and paper ID on OMR]

Time : 03 Hours

Maximum Marks : 60

Instruction to Candidates:

- 1) Section - A is **Compulsory**.
- 2) Attempt any **Four** questions from Section - B.
- 3) Attempt any **Two** questions from Section - C.

Section - A

Q1)

(10 x 2 = 20)

- a) Explain in brief the process of estimating client load.
- b) What are major roles performed by PDC & BDC Servers?
- c) How NTFS is different from FAT?
- d) What are the disadvantages of NWLink & NetBEUI?
- e) Discuss in brief the role of Backup browser & Potential browser.
- f) What is the role of Access Control lists in security?
- g) Explain in brief the terms Share Permissions & File System Permissions.
- h) Discuss the role of Print Provider & Print Monitor.
- i) Explain in brief about Remote Access Services.
- j) Write the important features of FDDI Technology.

Section - B

(4 x 5 = 20)

Q2) Write a detailed note on major features of WindowsNT 4.

Q3) Explain different types of users and groups which can be created in WindowsNT Environment.

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- Q4)** Discuss in detail the Audit Policies used in WindowsNT 4.
- Q5)** Explain how Disk Mirroring and Disk Duplexing helps to increase fault tolerance.
- Q6)** Discuss the different types of methods for Installation of WindowsNT 4.

Section - C

(2 x 10 = 20)

- Q7)** Explain all the steps in designing a network having subnets also with the help a suitable example, the network should be class C and minimum of four subnets should be there and each subnet should have atleast four hosts, List all the IP addresses and subnet mask for each and every host.
- Q8)** Draw a detailed Comparison between Ethernet and ATM Networking technologies by taking minimum five most important parameters.
- Q9)** Write short notes on following :
- (a) NT Print Model.
 - (b) Network Monitor.

