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Total No. of Questions : 09]

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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 × 2 = 20)

a) What is 'Dual Booting'?

b) Is it possible to change the file system of a Volume from FAT to NTFS without losing data.

c) What is the difference between Workgroup and Domain?

d) Name Windows NT Network Security Models.

e) What is the difference between a Partition and a Volume?

f) What do you understand by Subnet Mask?

g) Write short note on ATM.

h) List features of TCP/IP.

i) What are Primary and Extended Partitions?

j) List File System Permissions.

Section - B

                                                                (4 × 5 = 20)

Q2) Explain briefly the features and capabilities of Windows NT.

Q3) What are the various protocols supported by Windows NT? Which protocol is best suited for cross-platform connectivity? Explain its working in brief.

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Q4) How will you setup a remote dialing client to get connected with Windows NT Domain? List down the steps to accomplish the task.

Q5) Compare Ethernet, FDDI and ATM.

Q6) Explain in details various licensing schemes in Windows NT.

Section - C

$(2 \times 10 = 20)$

Q7) Illustrate the components of Windows NT Server along with hardware requirements.

Q8) (a) Explain Security architecture of Windows NT.

(b) Explain various services that can be provided with Windows NT Server.

Q9) (a) List the steps involved in disaster recovery and backup in Windows NT server.

(b) What are hardware requirements for Windows NT ?

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