

Roll No.....

Total No. of Questions : 09]

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## Paper ID [A0522]

(Please fill this Paper ID in OMR Sheet)

B.Tech. (Sem. - 6<sup>th</sup>)

NETWORK OPERATING SYSTEM (IT - 308)

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 does it mean to be the User Manager for Domains?
- b) What is DNS?
- c) What is CIDR?
- d) Define multithreaded multitasking.
- e) What is Network Application Interfaces (APIs).
- f) Distinguish between WINNT and WINNT32.
- g) What is registry?
- h) List two important features ATM.
- i) Enumerate two applications of Internet.
- j) List two important features of Windows NT.

### Section - B

(4 × 5 = 20)

Q2) Explain the FDDI protocol in brief.

Q3) Discuss the steps involved in planning a network.

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- Q4)** How do you create directory shares in Windows NT server? Explain in brief.
- Q5)** How the rights and permissions are set for users in Windows NT server? Explain in brief.
- Q6)** What is a print server? How do you add a second printer for the same print device?

**Section - C**

**(2 × 10 = 20)**

- Q7)** Compare important features of Ethernet, FDDI and ATM Technologies.
- Q8)** What are the various network administration tools? Explain them in brief.
- Q9)** Write short note on the following :
- (a) Remote Access Services.
  - (b) Hardware requirements for windows NT server.

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