

Roll No:

Total No. of Questions : 09]

[Total No. of Pages :02

Paper ID [IT308]

(Please fill this Paper ID in OMR Sheet)

B.Tech. (Sem. - 6th)

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) List two important features of Windows NT server.
- b) Differentiate between big endian and little endian.
- c) What is multithreading?
- d) What is multitasking?
- e) Why ATM cell is of fixed size?
- f) List two important benefits of FDDI.
- g) List two differences between Internet and Intranet.
- h) What are SIDs?
- i) What are csv files?
- j) What is virtual private network?

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Section - B

(4 × 5 = 20)

- Q2)** List the steps involved in creating and managing user accounts.
- Q3)** Explain the steps for performance tuning of Windows NT server network.
- Q4)** Explain the meaning of various fields of Ethernet protocol.
- Q5)** How do you schedule events in Windows NT server? Explain in brief.
- Q6)** List the steps involved in disaster recovery and backup in Windows NT server.

section - C

(2 × 10 = 20)

- Q7)** What is ATM? How communications occur in ATM? Explain in brief.
- Q8)** Describe the important features of Windows NT security network model.
- Q9)** Write short note on the following:
- (a) Remote administration.
 - (b) Distributed file system.

