

1058

B. Voc. (Hardware and Networking)

Fourth Semester

HWN-404: Network Administration and Trouble Shooting

Time allowed: 3 Hours

Max. Marks: 40

NOTE: Attempt five questions in all, including Question No. I which is compulsory and selecting one question from each Unit.

x-x-x

I. Write a note on the following terms:

- a) Xmodem
- b) TFTP
- c) Netstat command
- d) Security Device Manager (SDM) (8)

UNIT – I

II. Discuss IOS software by explaining the boot system commands. (8)

III. Discuss the commands to perform following operations:-

- a) Backing up configuration to a TFTP server
- b) Restoring configuration from TFTP server (8)

UNIT – II

IV. Discuss in detail the password recovery procedures for routers and switches. (8)

V. Write short note on:-

- a) Configuration Register
- b) ROM Monitor mode (8)

UNIT – III

VI. Write short note on:-

- a) Routing tables in Cisco IOS
- b) Cisco Discovery Protocol (CDP) (8)

VII. Write short note on:-

- a) Show interface command
- b) IP http server command (8)

(2)

UNIT – IV

VIII. Explain Security Device Manager (SDM) in detail. (8)

IX. Write short note on:-

- a) DHCP server
- b) DHCP client

(8)

x-x-x