

2054

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. 1 which is compulsory and selecting one question from each Unit.

x-x-x

I. Write a note on the following terms: -

- a) IP HTTP server command
- b) Xmodem
- c) Netstat command
- d) SDM express wizard

(4x2)

UNIT - I

II. Discuss IOS software. Explain IOS file system and boot system commands. (8)

III. How the process below takes place, write commands with proper explanation:

- a) Restoring and Backing up configuration using TFTP server
- b) Restoring IOS software from ROM Monitor mode using Xmodem. (8)

UNIT - II

IV. Write short note on:

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

V. State the password recovery procedure for Cisco routers. Write the steps and commands. (8)

UNIT - III

VI. What are Routing tables? Write different commands that can be used to view Routing tables. (8)

VII. Discuss following: -

- a) OSI layer 3 and OSI layer 7 testing.
- b) Operating system IP verification commands. (8)

UNIT - IV

VIII. Explain SDM. Discuss the process of connecting it using CLI and GUI. (8)

IX. What is DHCP? How can you configure a router as DHCP server and client? (8)

x-x-x