2072
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) Command line interface
   b) Xmodem
   c) SDM Monitor Mode
   d) Command modes of Cisco IOS   (4x2)

UNIT - I

II. Define Cisco IOS. Explain the router boot sequence steps and boot system commands.   (8)

III. Discuss the concept of restoring IOS software from ROM monitor using Xmodem.   (8)

UNIT - II

IV. Explain the significance of configuration register along with importance of the boot field in routers.   (8)

V.   State the procedure to recover password for switches. Explain with proper steps and commands.   (8)

UNIT - III

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

VII. Explain IP http server command and debug command.   (8)

P.T.O.

(2)

UNIT - IV

VIII. Perform the below actions using SDM to configure:

a) A router to act as a DHCP Server

b) An interface as a DHCP Client   (8)

IX. Write step by step process of dynamic and static NAT configuration using SDM.

(8)

x-x-x