

1127

B. Voc. (Hardware and Networking)
First Semester
HWN-103: Computer Hardware

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 short note on:-
- a) USB cable
 - b) Firewall
 - c) UPS
 - d) Serial and Parallel port

UNIT - I

- II. Explain in detail the following Add-on cards: *Network Interface Card, Sound Card and Graphic Card.* (8)
- III. Give the description of various parts of the computer with proper explanation. (8)

UNIT - II

- IV. What is Motherboard of the computer? Explain various components of the motherboard in detail. (8)
- V. Explain Hard Disk and its types SATA, PATA and SCSI. (8)

UNIT - III

- VI. Define cable. Also explain the following cables:
- a) HDMI
 - b) DVI
 - c) RJ45
 - d) VGA
- (4x2)
- VII. What are drivers? Describe the *LAN, Graphic and Device* drivers. (8)

P.T.O.

(2)

UNIT - IV

VIII. Define BIOS? State its functions and write BIOS boot process. (8)

IX. Explain the following:

- a) Antivirus
- b) Write the command for the following in command prompt:
 - i) Creating a partition
 - ii) Deleting a partition
 - iii) Shrink and extend the partition

(8)

x-x-x