

2022
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. 1 which is compulsory and selecting one question from each Unit.

x-x-x

I. Attempt the following:-

- a) What is Scanner?
- b) What is USB Port?
- c) Explain HDMI cable.
- d) What is function key on keyboard? (4x2)

UNIT - I

- II. Explain working of network interface card. (8)
- III. Explain and compare offline and online UPS. (8)

UNIT - II

- IV. Explain role of motherboard and various types of motherboard. (8)
- V. Explain SATA, SCSI Hard Disk. Compare their advantages and disadvantages. (8)

UNIT - III

- VI. Explain the physical structure of VGA, DVI, RJ11, RJ45 cables. (8)
- VII. Explain various types of Device drivers. (8)

UNIT - IV

- VIII. What is partitioning and formatting of hard disk. Explain the procedure in Windows. (8)
- IX. What is firewall and its applications? (8)

x-x-x