

2053

B. Voc. (Hardware and Networking)
Second Semester

HWN-204: Computer Hardware 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:-

- a) Mouse Properties
- b) Computer monitors
- c) Superscalar processor
- d) BIOS chips

(4x2)

UNIT - I

- II. Discuss the trouble shooting process in detail? (8)
- III. What do you mean Keyboard? Discuss various types of keyboards. (8)

UNIT - II

- IV. Discuss architecture and operations of hard disk. (8)
- V. Write short note on:-
 - a) NTFS and HPFS
 - b) Flat panel monitors

(8)

UNIT - III

- VI. Differentiate between Reduced Instruction Cycle and Complex Instruction Cycle. (8)
- VII. Differentiate between impact and non-impact printers (8)

UNIT - IV

- VIII. Explain the concept of processor sockets and memory sockets in motherboard. (8)
- IX. Write the procedures to troubleshoot the following:-
 - a) Motherboard
 - b) AC-DC voltage conversion

(8)

x-x-x