

2072

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) HPFS
- b) SMPS
- c) Mouse Keys
- d) Printer Characteristics

(4x2)

### UNIT - I

II. Discuss keyboard and its types. Explain process of troubleshooting, maintenance and repair of the keyboard. (8)

III. Explain trouble shooting and its necessity? What is the general trouble shooting process? (8)

### UNIT - II

IV. Differentiate between DVI and VGA. How can we maintain and troubleshoot a monitor? (8)

V. What is a Hard disk? Explain the construction of Hard disk with an appropriate diagram. (8)

### UNIT - III

VI. Explain the laser printer and its working. How maintenance of a laser printer can be done? (8)

VII. What are the factors on which performance of a processor can be measured? Differentiate between CISC and RISC. (8)

P.T.O.

(2)

**UNIT - IV**

- VIII. Explain motherboard along with its components. Describe its various sockets and slots. (8)
- IX. What is the importance of power supply? Explain AC-DC Voltage conversion mechanism. (8)

x-x-x