2071
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 terms:-

a)　Monitor resolution and dot pitch

b)　CISC and RISC

c)　FAT and NTFS

d)　AC-DC Voltage conversion in power supply　　　　　　　(4x2)

UNIT - I

II.　Explain diagnostics, trouble shooting and repair tools associated with keyboards. (8)

III.　Discuss the procedure to maintain and troubleshoot a mouse.　　　　(8)

UNIT - II

IV.　What is a Hard disk? How are master slave drives installed and maintained? (8)

V.　Define a computer monitor. How can we maintain and troubleshoot a monitor? (8)

UNIT - III

VI.　Compare and contrast the inkjet printers and laser printer in detail.　　(8)

VII.　Define microprocessor and its various performance factors. Also explain the various modes and instruction set associated with it.　　　　　　　　(8)

UNIT - IV

VIII.　Explain motherboard and its types, processor sockets and slots.　　　(8)

IX.　Explain SMPS and its various components. Write the troubleshooting procedure for SMPS.　　　　　　　　　　　　　　　　　　　　(8)

x-x-x