1129
B. Voc. (Hardware and Networking)
First Semester
HWN-103: Computer Hardware

Time allowed: 3 Hours   Max. Marks: 40

NOTE: *Attempt <u>five</u> questions in all, including Question No. I which is compulsory and selecting one question from each Unit.*

x-x-x

I.   Define the following:-

    a) Network interface card

    b) SRAM and DRAM

    c) HDMI and VGA

    d) Antivirus   (4x2)

UNIT – I

II.   Discuss various peripheral devices of computer system.   (8)

III. Explain offline, online and line interactive UPS in detail   (8)

UNIT – II

IV. Write a note on:-
a) SATA and PATA
b) ATX and BTX   (2x4)

V.   What do you mean by Ports in computer hardware? Discuss its types in detail. (8)

UNIT – III

VI. Discuss various types of drivers used in computer hardware in detail.   (8)

VII. Write short note on:-
    a) RJ 11 and RJ 45
    b) Serial and Parallel cables   (2x4)

UNIT – IV

VIII. What is Firewall? What is the use of firewall in our computer systems?   (8)

IX. Discuss the concept of Hard Disk partitioning in detail.   (8)

x-x-x