

2123

**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*

Q1. Write a note on the following:

(4x2)

- (i) Serial and parallel port
- (ii) Network Interface Card
- (iii) Firewall
- (iv) Antivirus

**UNIT-I**

Q2. Define UPS and explain its types.

8

Q3. What is computer? Explain various peripheral devices of a Computer.

8

**UNIT-II**

Q4. Explain Hard Disk. Discuss SATA, PATA and SCSI.

8

Q5. Explain Motherboard of the computer along with its various types.

8

**UNIT-III**

Q6. Briefly explain various types of cables. How is connection established for motherboard, hard disk and drivers?

8

Q7. Explain the functionality of drivers. Also discuss its various types.

8

**UNIT-IV**

Q8. Give detailed process of hard disk partitioning using DISKPART command.

8

Q9. Define BIOS. Discuss its role in Boot process.

8

*x-x-x*