BT6/M11   8602

Computer Hardware Technologies

Paper—CSE-304E

Time : Three Hours]   [Maximum Marks : 100

Note :—Attempt **FIVE** questions in all, selecting at least **ONE** question from each unit.

UNIT—I

1.   (a)   How can you add a memory chip to the present memory and what would be the limit ?   10

    (b)   What is the working and utility of cache memory ?   10

2.   (a)   What are the important characteristics of a standard UPS ?   10

    (b)   If a PC is not working how can you make sure that there is a problem in SMPS or not ?   10

UNIT—II

3.   (a)   How can you attach sound card and graphics card with motherboard ?   8

    (b)   What are various I/O bus systems ?   12

4.   (a)   Discuss the working of AGP and ROM POST in brief.   10

    (b)   Is PCIX an extension of PCI ? Write the limitations of both.   10

UNIT—III

5.   (a)   What do you mean by SCSI interface ? How many devices can be attached to a single SCSI controller and how it identify its devices ?   10

    (b)   Give the details of the device classes of SCSI.   10

6.	What are Video adapters ? How can you troubleshoot them ?	20

UNIT—IV

7.	Explain the working of hard disk drive with its architecture.	20

8.	Write short notes on :
	(i)	Floppy disk drive	10
	(ii)	DVD ROM drive.	10