BSIT 11 (OS)

I Semester B.Sc. (I.T.) Examination, June/July 2010
COMPUTER SYSTEMS AND PERIPHERALS

Time : 3 Hours Max. Marks : 75

PART – A

Answer **all** the questions : **(10×2+5×1=25)**

1. Define printer.

2. What is processor.

3. Define multimedia.

4. Differentiate between compiler and interpreter.

5. What is system bus ?

6. What is system software ? Write any two functions of system software.

7. What is BIOS ?

8. Why Cache memory cannot access by the user ?

9. What is network ? Write any two features of network.

10. What is multimedia ?

11. Explain the following :
    a) Static RAM
    b) Word length
    c) Sectors
    d) ELSA bus
    e) Bootstrap loader.

P.T.O.

PART – B

Answer **any five** of the following questions : **(5×10=50)**

1. Explain the characteristics of an computer.

2. What is memory ? Explain the different types of memory in detail.

3. Write a neat diagram and explain the working principles of hard disk, compare hard disk and floppy disk.

4. Explain the classification of computers based on working principles.

5. Briefly explain Dot-Matrix printer with neat diagram and write down its characteristics.

6. Briefly explain different LAN topologies.

7. Explain compiler, interpreter and loader in detail.

8. What is UPS ? Why it is required ? What is its application ?