

**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) ELISA 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 ?
-