

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 ?
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