|||||||||||||||||||||||||| **BS 11 (NS)**

### I Semester B.Sc. (I.T.) Examination, June/July 2010
### FUNDAMENTALS OF COMPUTERS

Time : 3 Hours                                                    Max. Marks : 75

### PART – A

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

1. Write the importance and remarks of Second generation computers.

2. Mention any two output devices.

3. What is the purpose of using CHKDSK and ATTRIB commands in MS-Dos.

4. What do you mean by weighed digits ?

5. What is the importance of hexadecimal number system ?

6. Write any functions of MBR.

7. Mention any two non-input printers.

8. Differentiate between system and application software.

9. What are the various utility software ?

10. What do you mean by networking security ?

11. Explain the following terms.

   a) Physical topology

   b) Twisted pair

   c) CGA

   d) EGA

   e) Interpreter.

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PART – B

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

1. Explain the generations of computers.

2. Give the general form of any ten DOS commands with an example.

3. Write a brief note on character codes.

4. With a neat diagram, explain the various parts of Digital computer.

5. Draw a magnetic Disk showing tracks and sectors. Explain its construction.

6. Explain the components of keyboard.

7. Explain the working of any two impact printer and give their advantages.

8. Write a note on programming languages.

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