

I Semester B.B.M. Examination, June/July 2011
COMPUTER FUNDAMENTALS

Time : 3 Hours

Max. Marks : 80

SECTION – A

Answer **any five** sub questions. **Each** question carries **two** marks. **(2×5=10)**

1. a) What CD - ROM stands for ?
b) What is MICR ?
c) What was the chief component of first generation computer ?
d) Which is the brain of any computer system ?
e) What is a latency time ?
f) Which language is directly understood by the computer without translation program ?
g) What are output devices ?

SECTION – B

Answer **any four** questions. **Each** question carries **five** marks. **(4×5=20)**

2. What are flowcharts and algorithm ? Give examples.
3. Convert the following binary numbers into their hexadecimal equivalents
a) 1100001111 b) 101011.111001
4. Explain any two applications of multimedia ?
5. What are the different types of printer ? Give examples.
6. Explain the role of antivirus software in computers.
7. Explain fifth generation computers ?

P.T.O.

SECTION – C

Answer **any five** questions. Each question carries **ten** marks.

(5×10=50)

- 8) Explain the application of computer in different fields.
 - 9) What are the different types of memory used ? Explain with example.
 - 10) Explain the different characteristics of computer.
 - 11) a) Add :
1010101
10011
b) Subtract :
101110
1011
c) Convert decimal (165) to binary number.
 - 12) What is magnetic tape ? Explain its working.
 - 13) Discuss different network topologies.
 - 14) Define Algorithm, Flowcharts, Program, Compiler, Interpreter, Hardware.
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