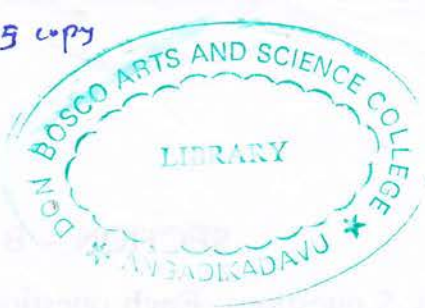


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M 8879

BCA-1A



Reg. No. :

Name :

**I Semester B.Sc. (Regular/Supple./Improv.) Degree
Examination, November 2010
COMPUTER SCIENCE (Complementary)
1C 01 CSC : Introduction to IT and C Programming (Course No.1)**

Time : 3 Hours

Max. Weightage Grade Point : 84

SECTION - A

(Answer all questions. Weightage for a bunch of 4 question is 1)

Maximum weighted grade point $1(W) \times 2$ (bunch) $\times 4$ (MaxGP) = 8

1. EBCDIC stands for _____
2. DSDD is a term related with _____
a) Tape b) Floppy disk c) CD d) DVD
3. Faster memory placed between CPU and Main memory is called _____
4. Out of the following which is self complementary code
a) BCD b) 8421 c) 2431 d) Excess-3
5. The symbol A is present in _____ number system.
a) Decimal b) Binary c) Hexa decimal d) Octal
6. In C, parameters declared inside function body is called _____
a) Actual b) Trivial c) Formal d) Minimal
7. Homogeneous collection of data item is called _____
a) Structure b) Pointer c) Union d) Array
8. The function that returns the length of a string is _____

P.T.O.



SECTION – B

(Answer **any 5** questions. **Each** question carries a Weightage 1)

Maximum weighted grade point $1(W) \times 5 (Qn) \times 4 (MaxGP) = 20$

9. What is ROM ?
10. What is ASCII ?
11. Define algorithm.
12. What is scope of a variable in C ?
13. What is the use of continue statement in C ?
14. Define a function in C.
15. Define array.
16. What is a string ?

SECTION – C

(Answer **any 5** questions. **Each** question carries a Weightage 2)

Maximum weighted grade point $2(W) \times 5 (Qn) \times 4 (MaxGP) = 40$

17. Explain working of mouse.
18. Explain the organization of Hard disk.
19. Compare between machine language and high level language.
20. Explain syntax of switch statement in C with example.
21. Explain the working of various if loop in C with example.
22. Explain any 2 string handling function in C with example.
23. What is extern variables in C ? Explain.
24. Explain concept of pointer with example.

SECTION – D

(Answer **any 1** question. Question carries a Weightage 4)

Maximum weighted grade point $4(W) \times 1 (Qn) \times 4 (MaxGP) = 16$

25. Explain the need of function in C. What are different types of functions ? What is recursion ? Write a recursive function to find factorial of a number.
 26. Write a program in C to add a matrix with its transpose.
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