

Roll No.

Total No. of Questions : 7

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B.C.A. (Sem.-1st)

PROGRAMMING IN C

Subject Code : BSBC-102 (Batch 2011)

Paper ID : [B1109]

Time : 03 Hours

Maximum Marks : 60

INSTRUCTION TO CANDIDATES :

1. SECTION-A is COMPULSORY.
2. Attempt any FOUR questions from SECTION-B.

SECTION-A (10 × 2 = 20 Marks)

1. Write a short note on :
 - (a) What is flowchart ? What are its advantages and disadvantages ?
 - (b) What is data type ? List different data types available in C language.
 - (c) What is switch statement ? Illustrate with example.
 - (d) What is break statement ? How it is different from continue statement.
 - (e) What is function prototyping ?
 - (f) What is call by value ? How it is different from call by reference?
 - (g) What is local and global variable ?
 - (h) Explain the concept of array of structure with example.
 - (i) What is formal and actual parameter ? Illustrate with example.
 - (j) Write a C language program to find factorial of a given number.

SECTION-B (4 × 10 = 40 Marks)

2. Explain the following :
 - (a) Program debugging
 - (b) Algorithm.
3. What is operator ? Explain different types of operator in C language with suitable examples.
4. What do you mean by looping statement ? Explain all the looping statements available in C language with examples.
5. What is string ? Explain various string handling functions by taking suitable examples.
6. What is structure ? How it is declared and accessed ? Write a C language program to support your answer.
7. Write notes on the following :
 - (a) Pointer
 - (b) Storage classes.