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Total No. of Pages : 2

Total No. of Questions : 07

BCA (Sem.-1)

Programming in C

Subject Code : BSBC-102 (2011 & 2012 Batch)

Paper ID : [B1109]

Time : 3 Hrs.

Max. Marks : 60

INSTRUCTION TO CANDIDATES :

1. SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks each.
2. SECTION-B contains SIX questions carrying TEN marks each and students has to attempt any FOUR questions.

SECTION-A

1. Write briefly :

- a) Explain Data Types and Identifiers.
- b) What is Programming Debugging? Explain it.
- c) Explain the categories of functions in detail.
- d) Write process to access structure members using suitable example.
- e) What is Recursion? Explain it.
- f) Differentiate between While and Do-While Statement.
- g) Write procedure for creating a data file.
- h) What do you mean by Function Prototyping? Explain it.
- i) Explain Union in detail.
- j) What is Single & Multidimensional array?

SECTION-B

2. Explain Operators & Expressions in detail.
3. Differentiate Call by Value & Call by Reference using suitable example.
4. What are Pointers? How Array will be passed to function using Pointers?
5. What are Structures? Explain Array of Structure and Nested Structure.
6. What is Decision making statement? Discuss each in detail?
7. a) Explain Storage Classes.
b) Discuss String Handling Function.