davv bca question papers

May-June 2006

Bachelor of Computer Application (BCA) Examination

II Semester

`C' Programming

Time 3 Hours]   [Max. Marks 50

Note : *Attempt all five questions. Symbols have their usual meanings.*

1. (a) Describe various data types used in `C' language with an example of each.
    (b) Write a `C' program to print Fibonacci series upto N.

OR

    (a) What do you mean by precedence of operators? Explain with an example.
    (b) Write a `C' program to find maximum of three numbers using conditional operators.

2. (a) Write a program to check a given numbr is in Palindrome or not.
    (b) Explain break, continue statement and exit function with example.

OR

    (a) What is Storage Classes? Explain Automatic, Register, Static and External Storage Classes.
    (b) What do you understand by Scope and Life Time of Variable?

3. (a) What are Pointers? Explain the concept of pointer to pointer with suitable example.
    (b) Write a `C' program to interchange two numbers using pointers.

OR

    (a) Explain any four string handling function in C with example.
    (b) Write a `C' program to find the maximum and minimum of any array of 50 integers and their locations.

4. (a) Explain the difference between Union and Structure with example.
    (b) Explain the following :
    (i) Structure within Structure.   (ii) Type Def. Declaration.

OR

    (a) Define a structure with following three members : roll number, name and total marks of a student. Write a program to read and display the details of student.
    (b) How structure is passed to function? Explain with example.

5. (a) Write a program to merge two files into third file.
    (b) Explain various file handling functions in C with example.

OR

    (a) Write a program to read a line of text from a file and display the text on the screen.
    (b) Write short note on : fopen ( ) and fclose ( )

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