davv bca question papers

June 2016

Bachelor of Computer Application (BCA) Examination

II Semester

Problem Solving and Programming Through C - II

Time 3 Hours]   [Max. Marks 40

Note : *Attempi all the five questions. All questions carry equal marks.*

1. (a) Explain function in C with example.
    (b) Write a function to computer factorial of a given number.

                              OR

    (a) Write a function to compute sum and average of number.
    (b) Explain Recursion with example.

2. (a) Differentiate between Marco and Function.
    (b) With example explain Passing by Reference.

                              OR

    (a) Write notes on passing entire array to function.
    (b) Write a C programs to read and display the Matrix of Size m × n.

3. (a) Write notes on pointer to structure.
    (b) Explain with example how pointer to an array is useful in C programming.

                              OR

    (a) Differenciate between union and structure.
    (b) Explain the following :
         (i) malloc( )   (ii) calloc(A).

4. (a) Write a program to write a strings into a file.
    (b) Write notes on formatted console I/O function.

                              OR

    (a) Write notes on arg C and arg V parameter used in C.
    (b) Explain any four C function for file operation.

5. (a) Write notes on Video display modes.
    (b) Write notes on writing to VDU memory in text mode.

                              OR

    (a) Write a program to draw a line between two given co-ordinate.
    (b) What do you mean by animation ? Explain with example.

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