P.G.D.C.A. (Sem. I) (Non CBCS) Examination

April / May - 2018

CS-02 : Programming in C

Time : **3 Hours]**   [Total Marks : **100**

1   Answer any four :   **20**
  (1)   Explain Data types in C language.
  (2)   Explain various operator used in C language.
  (3)   Explain IF...ELSE, Nested if else with example.
  (4)   Explain Do While loop with example.
  (5)   Explain goto statement with example.

2   Answer any four :   **20**
  (1)   Explain Break and Continue statement with example.
  (2)   Explain Need of UDF with different type of functions.
  (3)   Explain Scope of variable.
  (4)   Explain Recursion.
  (5)   Explain Pointer.

3   Answer any four :   **20**
  (1)   What is array ? Explain array of pointer.
  (2)   Explain with example : strlen(), strcpy(), strcat().
  (3)   Explain how to define structure with example.
  (4)   Explain Array within Structure with example.
  (5)   Explain Union with example.

4   Answer any four :   **20**
  (1)   Explain with example : fscanf(), fprintf(), feof().
  (2)   Explain with example : fopen(), fclose().
  (3)   Explain reading and writing record into file.
  (4)   Explain Type Casting.
  (5)   Explain C Preprocessor.

5   Answer any four :   **20**
  (1)   Explain Symbolic Constants.
  (2)   Explain Initialisation and working with array.
  (3)   Explain Switch Case with example.
  (4)   Explain FOR loop with example.
  (5)   Explain Command Line Arguments.

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