Paper-2 Programming Methodology Using C

Time: 3 hours   Max. Marks: 80
SECTION-A

Answer ALL Questions.   4 x 15=60
   1) a) Describe Problem solving aspects and implementation of algorithms.
                          (or)
      b) Explain algorithm and flow chart with suitable example.

   2) a) Define the terms: constants, keywords, tokens and variables.
      b) Explain operators and their precedence and associativity.
                          (or)
      c) Explain Control structures in C.

   3) a) Explain Structures and Unions.
                          (or)
      b) Explain User-defined data types.

   4) a) Describe Dynamic memory allocation.
                          (or)
      b) Explain File handling functions.

SECTION-B

Answer any FOUR questions.   4 x 5=20
   5) Explain Input and output statements.
   6) Explain the data types in C language.
   7) Explain pointers with example.
   8) Explain arrays with example.
   9) Explain String handling functions.
   10) Explain Parameter passing techniques.
   11) Explain recursion with example.
   12) Explain Storage classes in C.