1st Sem, Level 5 / DVOC (Software Development)
Subject : Programming in C

Time : 2 Hrs.   M.M. : 50

SECTION-A

Note: Very short questions. Attempt all ten questions.
(10x1=10)

Q.1   Write down the syntax of for loop.

Q.2   Define a constant.

Q.3   What is the difference between assignment and equality operation.

Q.4   Why C language is called as middle level language

Q.5   Mention one disadvantage in implementing array in C language.

Q.6   What is the difference between while and do-while loop.

Q.7   What is meant by prototype of a function.

Q.8   How an array variable is different from the ordinary variable.

Q.9   What do you mean by scope of a variable.

Q.10 What is the difference between break and continue statement.

SECTION-B

Note: Short answer type questions. Attempt any six questions out of eight questions.   (6x5=30)

Q.11 Explain about structure with example.

Q.12 Discuss about the various valid arithmetic operations that can be performed on pointers in C.

Q.13 Define functions. Also mention the uses of functions in C language.

Q.14 Write a short note on dynamic memory allocation.

Q.15 Explain different relational operators available in C language with example

Q.16 What is array? Discuss about the initialization and accessing of array elements in one dimension and two dimension arrays

Q.17 Explain the following functions in files:
a)   fseek ( )
b)   fopen ( )
c)   fclose ( )

Q.18 Write a short note on arrays of structures.

SECTION-C

Note: Long answer type questions. Attempt any one question out of two questions.   (1x10=10)

Q.19 Explain about different storage classes with examples. Discuss their uses and scope.

Q.20 Explain about the basic data types in C language.