

## SECTION-B

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

- Q.11 What are the pointers. How to use pointers
- Q.12 Write a short note on storage classes in a single source file
- Q.13 Differentiate between structure and union
- Q.14 Write purpose and syntax of if-else construct
- Q.15 Differentiate between Array and pointer
- Q.16 How do we initialize structures during declaration? Give an example
- Q.17 Discuss the purpose of the do-while statement
- Q.18 what do you understand by call by value and call by reference?

## SECTION-C

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

- Q.19 What are basic data types in 'C'? Explain them with examples.
- Q.20 How function declaration differs from function definition? Write a C program to show function calling by passing a value.

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## Dvoc - Level -5 1st Sem / 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 Define a variable
- Q.2 List name of any two loops of C language
- Q.3 Write down advantages of union
- Q.4 What is else if ladder
- Q.5 Define function prototype
- Q.6 What is the use of scanf()
- Q.7 What is the use of main() function
- Q.8 Write syntax of array declaration
- Q.9 Tell the necessity of return statement
- Q.10 Define Increment operator