

SECTION-B

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

- Q.11 Differentiate between variable and constant.
- Q.12 Differentiate between structure and union.
- Q.13 What is an array? How an array is declared?
- Q.14 Write a program in C to find sum of two numbers.
- Q.15 What is the use of pointer? How pointer variable is declared? Explain briefly.
- Q.16 Describe with example the Nested-if statement.
- Q.17 How function declaration is different from function definition?
- Q.18 Briefly discuss the concept of files and opening of file in various modes.

SECTION-C

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

- Q.19 Explain different types of storage classes available in C language alongwith their scope, storage and life time.
- Q.20 What are loop constructs? Discuss various loop constructs used in C with example.

No. of Printed Pages : 2

Roll No.

189053

**Level 5 / 1st. Sem. / DVOC
Software Development
Subject : Programming in C**

Time : 2 Hrs.

M.M. : 50

SECTION-A

Note: Very short answer type questions. All questions are compulsory (10x1=10)

- Q.1 Define constant.
- Q.2 What do you mean by logical operator?
- Q.3 Write the syntax of do-while loop.
- Q.4 What is the use of break statement?
- Q.5 What are global variables?
- Q.6 Define pointers.
- Q.7 Mention the use of functions.
- Q.8 Define union.
- Q.9 Give one difference between array and structure.
- Q.10 What is the use of address operator in C?