

BCA-06**December – Examination 2020****BCA (Part I) Examination****Programming in C****Paper : BCA-06***Time : 2 Hours]**[Maximum Marks : 70*

Note :- The question paper is divided into two sections A and B. Write answers as per the given instructions.

Section–A**7×2=14****(Very Short Answer Type Questions)**

Note :- Answer all questions. As per the nature of the question delimit your answer in one word, one sentence or maximum upto **30** words. Each question carries 2 marks.

1. (i) Define data types in C.
- (ii) What is Recursion ?

- (iii) What is Formatted Output in C ?
- (iv) Why storage classes are used in C ?
- (v) Write down benefits of Array.
- (vi) Define user define function.
- (vii) Describe the use of Nested Structure.

Section-B

4×14=56

(Short Answer Type Questions)

Note :- Answer any *four* questions. Answer should not exceed **200** words. Each question carries 14 marks.

- 2. What are Strings ? Explain the syntax to copy one string to another.
- 3. Write C program to find the factorial of a given number using recursion.
- 4. Write the syntax and working of switch and goto statement in C language.
- 5. Explain call by value with example.
- 6. Write C program to find sum of first 5 prime numbers.
- 7. Write down the difference between Array and Structure.

- 8. What is the use of pointers ? Define preprocessor directives.
- 9. Define Expression. List the various types of operators. Also give their precedence.