

BCA-06

June - Examination 2019

BCA Pt. I Examination**Programming in C****Paper - BCA-06****Time : 3 Hours]****[Max. Marks :- 70**

Note: The question paper is divided into three sections A, B and C. Write answers as per given instructions.

Section - A**7 × 2 = 14**

(Very Short Answer 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) What is Recursion?
- (ii) Explain typedet.
- (iii) What is post fix notation.
- (iv) What is semantic error?
- (v) What is the use of library functions?
- (vi) Define register variable.
- (vii) How array is declared in 'C'?

Section - B**4 × 7 = 28**

(Short Answer Questions)

Note: Answer **any four** questions. Each answer should not exceed 200 words. Each question carries 7 marks.

- 2) Write down 'C' program to print first five prime numbers.
- 3) Write 'C' program to arrange given 10 integer number in ascending order, using array.
- 4) Explain storage classes.
- 5) Explain union with example.
- 6) What is call by value. Explain with example.
- 7) Explain preprocessor directives.
- 8) What is the use of pointer. Describe realloc ().
- 9) Describe pointers to pointers, with example.

Section - C**2 × 14 = 28**

(Long Answer Questions)

Note: Answer **any two** questions. You have to delimit your each answer maximum upto 500 words. Each question carries 14 marks.

10) Explain Exception Handling in 'C' .

11) Write note on:

- (i) Stack
- (ii) Call by Reference.

12) Write note on:

- (i) Memory Management.
- (ii) External variable.

13) Explain followings.

- (i) Bit - wise operators.
 - (ii) Pointers to functions.
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