

BCA-06

December – Examination 2022
BCA (Part I) Examination
Programming in 'C'
Paper : BCA-06

Time : 3 Hours]

[Maximum Marks : 70

Note :- The question paper is divided into three Sections A, B and C. 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 up to **30** words. Each question carries 2 marks.

1. (i) What do you mean by Syntax Error ?
- (ii) function is used to take input from user.
- (iii) What is if-else statement ?

- (iv) Define Array.
- (v) What do you understand by Union in C Language ?
- (vi) What is preprocessor in C Language ?
- (vii) function is used to open or to create a file.

Section-B **4×7=28**

(Short Answer Type Questions)

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

2. Write about different data types of 'C' Language.
3. What do you mean by Loop ? Explain different types of loop.
4. Differentiate Structures and Unions.
5. What is Function ? Write about different types of function in C.
6. What is Pointer ? Write a simple program using pointer variable.
7. Write a 'C' program to print sum of first ten natural no.

8. Write a 'C' program to print greater among two numbers.
9. Explain arrays of C Language.

Section-C **2×14=28**

(Long Answer Type Questions)

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

10. Explain call by value and call by reference function.
11. What is file handling in C Language ? Write about different operations related to file handling.
12. Explain different types of array. Give example.
13. Write short notes on the following :
 - (a) Nested if
 - (b) User defined functions
 - (c) Keywords
 - (d) Printf() function