



K24U 4086

Reg. No. :

Name :

**First Semester B.C.A. Degree (CBCSS – OBE – Supplementary/
Improvement) Examination, November 2024
(2019 to 2023 Admission)**

**Core Course
1B01BCA : PROGRAMMING IN C**

Time : 3 Hours

Max. Marks : 40

**PART – A
(Short Answer)**

Answer **all** questions.

(6×1=6)

1. What do you mean by C tokens ?
2. Write value of a, b after executing the following statements :
a = 10;
b = a++;
3. Write syntax of while statement in C.
4. What is the use of realloc() function ?
5. Write C function to output a character.
6. Name a C function to find length of a string.

**PART – B
(Short Essay)**

Answer **any 6** questions.

(6×2=12)

7. What do you mean by program testing and debugging ?
8. Draw flowchart to check a string is palindrome or not.

P.T.O.



9. Write a C program to use continue statement in C.
10. Explain how to declare a constant in C.
11. Write syntax to declare a two dimensional array in C.
12. What is the use of fscanf() function ?
13. Write notes on logical operators in C.
14. Write notes on pointers to arrays.

**PART – C
(Essay)**

Answer **any 4** questions.

(4×3=12)

15. Compare algorithm and flowchart.
16. Explain if.....else statement with example.
17. Explain how to define a function in C.
18. Compare structure and union in C.
19. Explain dynamic memory allocation in C.
20. Write C program to read data from a file.

**PART – D
(Long Essay)**

Answer **any 2** questions.

(2×5=10)

21. Explain various input-output functions in C with example.
 22. Write C program to sort a set of numbers.
 23. Explain functions in C.
 24. Explain various types of files and methods to handle file operations in C.
-