



K23U 4045

Reg. No. :

Name :

I Semester B.C.A. Degree (CBCSS – OBE – Regular/Supplementary/
Improvement) Examination, November 2023
(2019 Admission Onwards)
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 keywords ?
2. Compare pre increment and post increment statements in C.
3. Write syntax of switch statement in C.
4. What is the use of free() function ?
5. Write C function to read a string in C.
6. Name a C function to write an integer to a file.

PART – B
(Short Essay)

Answer any 6 questions :

(6×2=12)

7. What do you mean by algorithm ? List out features of a good algorithm.
8. Draw flowchart to check a number is odd or even.
9. Compare while and do...while statements in C.
10. Compare local and global variables in C.

P.T.O.

K23U 4045



11. Write syntax to define a function in C.
12. What do you mean by random access file ?
13. Write C program to search for a number among n numbers.
14. Write note on array of structures.

**PART – C
(Essay)**

Answer **any 4** questions :

(4×3=12)

15. Compare top down and bottom-up approach.
16. Explain for loop with example.
17. Explain recursion with example.
18. Short note on Union in C.
19. Explain declaration and initializing pointers in C.
20. Explain error handling mechanism in C.

**PART – D
(Long Essay)**

Answer **any 2** questions :

(2×5=10)

21. Explain structure of a C program with example.
 22. Write C program to check a number in palindrome or not.
 23. Explain the concept of arrays in C with example.
 24. Write C program to copy contents of file to another file.
-