



K22U 3410

Reg. No. :

Name :

**I Semester B.Sc. Degree (C.B.C.S.S. – O.B.E. – Regular/Supplementary/
Improvement) Examination, November 2022**

(2019 Admission Onwards)

CORE COURSE IN COMPUTER SCIENCE

1B01CSC : Introduction to C Programming

Time : 3 Hours

Max. Marks : 40

PART – A
(Short Answer)

Answer **all** questions :

(6×1=6)

1. What is program ?
2. Write any two user defined data types.
3. Which are the bitwise operators ?
4. What is an increment operator ?
5. Write a short note on Branching.
6. Write the declaration format of one-dimensional arrays.

PART – B
(Short Essay)

Answer **any 6** questions :

(6×2=12)

7. Write any two limitations of flowchart.
8. Write an algorithm for finding the largest of given three numbers.
9. What is a data type ? Write an example for derived data type.
10. Write a short note on enum.
11. Write any two special operators.

P.T.O.



12. Write a C program to read a character from keyboard and display it in the monitor.
13. Explain 'for' loop.
14. What is multi-dimensional array ?

PART – C
(Essay)

Answer **any 4** questions :

(4×3=12)

15. Which are the symbols used for drawing flow chart ? Explain.
16. Differentiate source code and object code.
17. What is type conversion ? Write the rules for conversion of data types.
18. Write the rules for precedence of operators in arithmetic expression.
19. Write a C program for multiplying two 2×2 matrix.
20. Explain 'switch case' statement with syntax and suitable example.

PART – D
(Long Essay)

Answer **any 2** questions :

(2×5=10)

21. Write an algorithm to find the sum of N numbers.
 22. With an example, explain the structure of a C program.
 23. Explain relational operators with examples.
 24. What is a loop ? Differentiate while and do-while loops.
-