



K20U 0460

Reg. No. :

Name :

**II Semester B.Sc. Degree CBCSS (OBE)-Regular Examination, April 2020
(2019 Admission)
COMPLEMENTARY ELECTIVE COURSE IN COMPUTER SCIENCE
2C02CSC : Programming in C**

Time : 3 Hours

Max. Marks : 32

**PART – A
Short answer**

Answer **all** questions. **(5×1=5)**

1. Write short note on *printf* statement.
2. Write the importance of library functions.
3. Define the term array.
4. Write short note on *strcmp()* with example.
5. Write short note on *#define* statements.

**PART – B
Short essay**

Answer **any 4** questions. **(4×2=8)**

6. Explain logical and relational operators in C.
7. What is nested if statements in C ? Explain with an example.
8. What do you mean by formatted input ? Give an example.
9. Explain actual and formal arguments of functions.
10. What do you mean recursion ? Explain with an example.
11. What do you mean by two dimensional arrays ? Give an example.

P.T.O.



PART – C
Essay

Answer **any 3** questions. **(3×3=9)**

12. Describe the process of creating and executing a C program under Linux system.
13. Explain break, continue statements with suitable examples.
14. Write a C program to find the sum of digits of a number.
15. Distinguish between user defined functions and library functions.
16. Explain different methods for passing parameters to functions in C.

PART – D
Long Essay

Answer **any 2** questions. **(2×5=10)**

17. Explain different primitive data types in C with example.
18. Explain different type of looping structures in C with example.
19. What is a pointer ? Demonstrate its use with an example.
20. Explain storage classes in C.