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.

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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.

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