Reg. No. : ....

Name : ....

II Semester B.Sc. Degree (CBCSS-OBE-Reg./Sup./Imp.) Examination, April 2021
(2019 Admission Onwards)
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 constants with example.

2. Write short note on Logical operators in C.

3. Write the importance of compilation process.

4. Write the role of *break* in looping statements.

5. What do you mean by recursion ?

PART – B (Short Essay)

Answer **any 4** questions.   (4×2=8)

6. Explain bitwise operators used in C with example.

7. Explain switch statement with example.

8. Write a C program to find the average of three numbers.

9. What do you mean by pointers ? How it is declared ?

10. What do you mean by library functions ? Give example.

11. What is a macro ? What are the advantages of using macro definitions in a program ?

PART – C **(Essay)**

Answer **any** 3 questions. (3×3=9)

12. Explain entry controlled loops in C.

13. What do you mean by unformatted input ? Explain with an example.

14. Write a C program to find sum of two numbers using a user defined function.

15. Write the steps involved to create and use a user defined function in C.

16. What do you mean by a structure ? How it is initialized ?

PART – D **(Long Essay)**

Answer **any** 2 questions. (2×5=10)

17. Explain arithmetic and relational operators in C and its precedence with example.

18. Explain different forms of if statements used in C.

19. What do you mean by call by value and call by reference ? Explain with an example.

20. Write a C program to sort n numbers.

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