Reg. No. : ....

Name : ....

II Semester B.Sc. Degree (C.B.C.S.S. – O.B.E. – Regular/Supplementary/ Improvement) Examination, April 2022
(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 :

1. Give an example for a formatted input function.

2. What is a pointer variable ?

3. What is the use of gets function ?

4. When is a switch preferred over if ?

5. Define a string.   (5×1=5)

PART – B
(Short Essay)

Answer **any four** questions :

6. Give two examples for logical operators.

7. What is the use of type-def ?

8. Write a program to read and print an array of integers.

9. Give the difference between break and continue statements.

10. What is a function prototype ?

11. Using library function, find the square root of a number.   (4×2=8)

PART – C
(Essay)

Answer **any three** questions :

12. Explain the keywords of C.

13. Explain the different looping structures.

14. Write a program to find the largest of two numbers using conditional operator.

15. Demonstrate how to access a variable using pointer.

16. Explain the concept of call by value with example.   **(3×3=9)**

PART – D
(Long Essay)

Answer **any two** questions :

17. Explain operators in C.

18. Explain storage classes.

19. Explain the different escape sequences with examples.

20. Write a recursive program to find the factorial of a number. Also explain its working.   **(2×5=10)**

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