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.

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.

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