K21U 6752

Reg. No. : ....

Name : ....

I Semester B.C.A. Degree (CBCSS – OBE – Regular/Supplementary/
Improvement) Examination, November 2021
(2019 Admission Onwards)
Core Course
1B01 BCA : PROGRAMMING IN C

Time : 3 Hours

Max. Marks : 40

PART – A
(Short Answer)

Answer **all** questions : (6×1=6)

1. Mention any two unary operators.

2. The _____ operator returns the number of bytes the operand occupies.

3. A global variable is also known as _____

4. What are the two conditional operators ?

5. The _____ specification is used to read or write a short integer.

6. What do you mean by recursion ?

PART – B
(Short Essay)

Answer **any 6** questions : (6×2=12)

7. How to declare a variable ? Explain with example.

8. Mention input/output statements in C.

9. Differentiate structure and Union.

10. What is the use of library functions in C ?

11. Mention any two special operators in C.

12. Define function prototyping.

13. What do you mean by implicit type conversion ?

14. Mention the common operations performed on character strings.

PART – C
(Essay)

Answer **any 4** questions :   (4×3=12)

15. Explain the storage classes in C.

16. Explain different types of arrays with syntax.

17. Distinguish between getchar and scanf function.

18. Explain the rules for switch statement.

19. Explain dynamic memory allocation in C.

20. Mention parameter passing techniques in C.

PART – D
(Long Essay)

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

21. Explain the data types in C.

22. Explain string handling function in C with syntax and examples.

23. Explain the looping statements in C.

24. Explain the steps to open and close a file in C and mention the input and output operations on file.

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