DECEMBER 2022 **U/ID 46503/UCC2A**

Time : Three hours Maximum : 75 marks

PART A — (10 × 2 = 20 marks)

Answer any TEN questions

1. What are Constants?
2. What is Relational Operator?
3. What is Putchar() function?
4. What is Library function?
5. What is string constant?
6. Write a syntax of switch statement.
7. What are functions?
8. What are storage classes?
9. What is Array?
10. What is user defined data types?
11. Define : Pointer.
12. How to close a file?

PART B — (5 × 5= 25 marks)

Answer any FIVE questions

13. What are the rules for forming valid Identifiers in C? with examples.

14. Write short notes on : Scanf() and printf() functions.

15. Compare If ... else and for... statement.

16. Write a C program to find the Sum of N given Numbers.

17. What are Multidimensional Arrays? Discuss with examples.

18. How to declare pointer? with examples.

19. Explain, How to open and close a data file?

PART C — (3 × 10 = 30 marks)

Answer any THREE questions

20. Explain about different types of expressions in C with suitable examples.

21. Explain the usage of any Five mathematical Library functions in C with examples.

22. What is recursion? Write a C program to find the factorial value of an Integer using recursion.

23. Write a C program to sort the given set of n numbers in Ascending Order.

24. Write a note on :

    (a) Operations in Pointers

    (b) File Handling functions in C.

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