MAY 2023 **U/ID 46503/UCC2A**

Time : Three hours Maximum : 75 marks

PART A — (10 × 2 = 20 marks)

Answer any TEN questions.

1. What is key word?
2. Define unary operator.
3. What is an expression?
4. What is meant by branching?
5. What is the purpose of continue statement?
6. Write the syntax of do while statement.
7. What is a Local Variable?
8. Name the four storage classes in C.
9. Define structure.
10. What is union?
11. What is pointer?
12. What is file?

PART B — ($5 \times 5 = 25$ marks)

Answer any FIVE questions.

13. Describe the various data types in C.

14. Explain the string I/O functions with examples.

15. Explain the syntax of switch statement in c with examples.

16. Give a brief account on static variable in C.

17. How multidimensional Arrays are declared in C? Explain with examples.

18. Write a note on bitwise operators.

19. Write short notes on different types of files.

PART C — ($3 \times 10 = 30$ marks)

Answer any THREE questions.

20. Explain the various library functions in C.

21. Describe the loop control statements in C with examples.

22. What is function? How functions are defined in C? Illustrate.

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

24. Explain the following with examples:

    (a) Call by value

    (b) Call by reference.
