

Roll No. _____

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SIIS 68 A-15
B.Sc.II Semester Degree Examination
Computer Science
(Advanced C - Programming)
Paper : CS - 201

LIBRARY
MAHARAJA ARTS SCIENCE
COMMERCE COLLEGE
B | D | A | R - 585 401

Time : 3 Hours

Maximum Marks : 80

Instructions to Candidates:

SECTION - A

I. Answer the following questions:

(15× 1 = 15)

1. What is return value?
2. Define recursion
3. What is call by reference?
4. Define Union
5. What is array of structures?
6. Write the syntax to declare structure.
7. Mention the difference between structure and Union.
8. Write any one advantage of pointers.
9. Write the syntax to declare a FILE.
10. Define MACRO
11. What are command line arguments?
12. How to declare pointers?
13. What is global variable?
14. What is formatted file?
15. Write any two graphic functions.

SECTION - B

II Answer any **FIVE** of the following.

(5 × 5 = 25)

16. Explain function without argument and without return value.
17. Explain the concept of recursion
18. Write a program for nesting of functions.
19. Explain command line arguments.
20. Explain different operations on FILES.
21. Explain function prototype
22. Write program on MACRO.

SECTION - C

III Answer any **FOUR** questions.

(4 × 10 = 40)

23. Explain different types of functions with example.
24. Explain the differences between call by value and call by reference.
25. Write a program to sort the given list using pointers.
26. Write a program to accept the student details such as register number, name, class, fees and display the same using structure.
27. Explain different graphics functions with example.
28. Explain conditional compilation with programming example.