B.Com. (ISM) DEGREE EXAMINATION,NOVEMBER 2018
II Year III Semester
Core Major - Paper IV
PROGRAMMING IN C

Time : 3 Hours **Max.marks :75**

Section A $(10 \times 2 = 20)$ Marks

Answer any **TEN** questions

1. Define keyword.
2. Write the syntax of conditional operator.
3. What is nested if statement?
4. What is the use of comma operator?
5. Define recursion.
6. What is function prototype?
7. How will you declare an array?
8. Define a pointer.
9. What are various modes of file opening?
10. Define Class.
11. What is a self referential structure?
12. Mention some of the string handling functions.

Section B $(5 \times 5 = 25)$ Marks

Answer any **FIVE** questions

13. Discuss various data types available in C.
14. Write a C program to find area and circumference of a Circle.
15. Discuss storage classes.
16. Explain multidimensional array.
17. Define structures. Explain their syntax with examples.
18. Explain the basic concepts of object oriented programming.
19. Write a C program to print the reverse of the given 5 digit number.

Section C $(2 \times 15 = 30)$ Marks

Answer any **TWO** questions

20. Explain various operators.
21. Write a C program to arranging the set of elements in sorted order.
22. Define function. How will you declare function? Explain.
23. How will you declare a member function outside of the class? Explain.

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