B.Sc. DEGREE EXAMINATION,APRIL 2019
III Year VI Semester
Programming Language 'C'

Time : 3 Hours **Max.marks :60**

Section A $(10 \times 1 = 10)$ Marks

Answer any **TEN** questions

1. What are keywords?
2. What is an expression?
3. What is a constants?
4. What is meant by branching?
5. What is the purpose of continue statement?
6. Define a function.
7. What is meant by recursion?
8. What is an array?
9. Write the syntax for declaration for a string variable.
10. What is a pointers?
11. What is the purpose of period operator?
12. Define structures.

Section B $(5 \times 4 = 20)$ Marks

Answer any **FIVE** questions

13. Explain the various operators.
14. Explain the conditional and unconditional control statement.
15. Explain the syntax of switch statement in C with an example.
16. Describe the list of library functions.
17. What is an unsized arrays? Give an example.
18. What is the difference between the call by value and call by reference?
19. Describe the declare and initializing of structures.

Section C $(3 \times 10 = 30)$ Marks

Answer any **THREE** questions

20. Briefly explain the input and output functions?

21. Describe the conditional statements in C with examples.

22. Explain the concepts of data storage type in C.

23. Distinguish between single dimensional and multidimensional arrays with suitable example.

24. Distinguish between structures using pointers and structures using functions.

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