

D.K.M. COLLEGE FOR WOMEN (AUTONOMOUS), VELLORE – 1**SEMESTER EXAMINATIONS****APRIL – 2019****15CMA6D****PROGRAMMING IN C LANGUAGE****Time: 3 Hrs****Max. Marks: 75****SECTION – A (10 X 2 =20)****Answer ALL the questions.**

1. What is Constant?
2. Define Variables.
3. Define Conditional Operator.
4. What is Arithmetic Expression?
5. Define Loops.
6. Write a syntax for Goto Statement.
7. What is function?
8. Define One-Dimensional Array.
9. Define file.
10. Define Pointers.

SECTION – B (5 X 5 =25)**Answer any FIVE of the following questions.**

11. Discuss about the Declaration of Variables in C.
12. Explain Evaluation of expressions.
13. Write a short note on Branching Statement.
14. Explain arrays of structures in C.
15. Write short notes on Pointer Expression.
16. Differentiate between Structure and Union.
17. Discuss about the Decision Making in C.
18. Write a C program to find the factorial of a given number.

SECTION – C (3 X 10 =30)**Answer ALL the questions.**

19. a) Explain about the Data types in C
(Or)
b) Explain Operators in C.
20. a) Explain Arrays and its types.
(Or)
b) Describe the User defined function in C.
21. a) Write a C program to perform matrix multiplication.
(Or)
b) Explain Opening and Closing a file in C.

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