

D.K.M. COLLEGE FOR WOMEN (AUTONOMOUS), VELLORE-1**SEMESTER EXAMINATIONS****APRIL - 2016****15CACC2A****ALLIED : PROGRAMMING IN C****Time : 3 Hours****Max. Marks : 75****SECTION – A (10 x 2 = 20)****Answer ALL the questions.**

1. What is Keyword?
2. Distinguish between Constants and Variables.
3. What is the use of 'Continue' statement?
4. Mention the name of any two Data Input – Output functions.
5. What is meant by Prototype?
6. Define the Term Recursion.
7. Define Array.
8. What is Union?
9. Define the Term Pointer.
10. What is a File?

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

11. Explain the importance of Conditional operator using an example.
12. Describe the important Library functions in C.
13. Discuss on the syntax of Switch statement with example.
14. Explain the syntax of 'if' and 'if - else' statements using example.
15. Write a C program to find the maximum of given set of numbers.
16. Describe the concept of Recursion using an example.
17. Discuss on the syntax of a Structure with an example.
18. Explain the concept of Pointers with its operations.

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

19. (a) Discuss on the various Arithmetic, Relational, Logical and Assignment Operators.
(Or)
(b) Explain the syntax of while, do - while and for loops using example.
20. (a) Describe the importance of Storage Classes in detail.
(Or)
(b) Discuss on the syntax of a Function and the method of passing arguments to function.
21. (a) Explain the method of Defining, Processing Arrays and Passing it to a function.
(Or)
(b) Describe the method of Opening, Creating, Processing and Closing a Data file using example.