

D.K.M.COLLEGE FOR WOMEN (AUTONOMOUS), VELLORE-1.

MODEL EXAMINATION-2017

C++ AND DATASTRUCTURES

CLASS: II ISM.,

MARKS: 75

TIME: 3 Hrs

SECTION-A

ANSWER **ALL** THE QUESTIONS: $10 * 2 = 20$

1. Define POP.
2. Define Object.
3. What is Keyword?
4. Define Variable.
5. Define Member function.
6. Define Local class.
7. Define Virtual base class.
8. Define this pointer.
9. Define width().
10. How to create String object?

SECTION-B

ANSWER ANY **FIVE** QUESTIONS: $5 * 5 = 25$

11. Write about OOP paradigm.
12. Write about Benefits of OOP.
13. Explain short notes on scope resolution operators.
14. Explain inline function with example.
15. Write about rules for overloading operator.
16. Write about rules for virtual function.
17. Explain the put() and get() function with example .
18. Explain about copy constructors.

SECTION-C

ANSWER **ALL** THE QUESTIONS:

3 * 10 =30

19. (a) Explain about Basic concepts of OOP.
(b) Explain about Function overloading with example.
20. (a) Explain briefly friend function with example.
(b) Explain inheritance and its types.
21. (a) Difference between constructors and destructors.
(b) Explain comparing and swapping with example.

*****ALL THE BEST*****