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

**SEMESTER EXAMINATIONS**

**NOVEMBER – 2018**

**15CCS5A/15CCA5A**

**PROGRAMMING IN JAVA**

**Time : 3 Hrs**

**Max. Marks : 75**

**SECTION-A (10 x 2 = 20)**

**Answer ALL the questions.**

1. Define Variables.
2. What is meant by JVM?
3. Define Class.
4. What do you mean by method overloading?
5. Define the term “Exception”.
6. What is the use of Catch Block?
7. Define: “JList”.
8. What is an applet?
9. Define the term “File”.
10. What is a Stream?

**SECTION-B (5 x 5 = 25)**

**Answer any FIVE of the following questions.**

11. Explain in detail about Array.
12. What do you mean by Method Overriding? Explain.
13. What is a package? How do we design a Package?
14. Describe the overview of Swing Components.
15. Explain the various types of Color and Font Control.
16. What are the different levels of Access Protection available in Java? Describe.
17. List out the Operators in Java and give an example.
18. Explain the Event Handling with Nested Classes.

**SECTION-C (3 x 10 = 30)**

**Answer ALL the questions.**

19. (a) Discuss the Control Statements in Java with examples.

(Or)

(b) Write a Java program to find the factorial of a given number using recursion.

20. (a) Explain the concept of Inheritance used in java.

(Or)

(b) What is an interface? Describe the various forms of implementing interfaces.

21. (a) Discuss the GUI Event Types and Listener Interfaces.

(Or)

(b) Explain the Graphics Contexts and Graphic Objects.

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