

**D.K.M. COLLEGE FOR WOMEN (AUTONOMOUS), VELLORE – 1****SEMESTER EXAMINATIONS****NOVEMBER – 2017****15CCA5A / 15CCS5A****PROGRAMMING IN JAVA****Time: 3 Hrs****Max. Marks: 75****SECTION – A (10 X 2 =20)****Answer ALL the questions.**

1. What is meant by Class?
2. How to declare Variable in Java.
3. Define Constructor.
4. How to Create an Object in Java?
5. Define Package.
6. What is meant by Synchronization?
7. Define Applets.
8. Write any five Swing Components.
9. Define File.
10. List some of the events in Java.

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

11. Explain about Primitive Data Types in Java with an Example.
12. Define an array and explain with an Example.
13. Explain about Method Overloading with an Example.
14. How to Accessing Class Member in Java with an Example.
15. Explain about Exception Handling Fundamentals in Java with an Example.
16. Explain about Importing Package in Java with example.
17. Explain about JComboBox with an Example
18. Explain about Working with Color in Java with an Example

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

19. a) Explain about different types of Operators in Java with an Example.

(Or)

- b) Explain about Iteration Statement in Java with an Example.

20. a) Define Inheritance. Explain Single and Multilevel Inheritance with an Example.

(Or)

- b) Explain in detail about Inter Thread Communication

- 21 a) Explain about Grid Layout with an Example.

(Or)

- b) Explain about Graphics components in Java with example.

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