

Roll.No.

21UCCCT4010

SHRIMATHI DEVKUNVAR NANALAL BHATT VAISHNAV COLLEGE FOR WOMEN
(AUTONOMOUS)

(Affiliated to the University of Madras and Re-accredited with 'A+' Grade by NAAC)

Chromepet, Chennai - 600 044.

B.Com.CA - END SEMESTER EXAMINATIONS - NOVEMBER 2025

SEMESTER - IV

21UCCCT4010 - Java Programming

Total Duration : 2 Hrs.30 Mins.

Total Marks : 60

Section B

Answer any **SIX** questions ($6 \times 5 = 30$ Marks)

1. Write a Java program to illustrate the working of for and while loops.
2. Create a Java Package and show how to import and use its classes in a program.
3. Describe the methods to draw a line and rectangle using Graphics class.
4. Explain the process of File Handling in Java with suitable examples.
5. Develop a Java program that demonstrates sorting number using one dimensional array.
6. Describe the various forms of implementing interfaces.
7. Illustrate the Life cycle of Applets with a neat diagram.
8. Define a Stream. How the concept of Stream utilized in Java.

Section C

Answer any **THREE** questions ($3 \times 10 = 30$ Marks)

9. Explain different types of Operators in Java through suitable examples.
10. Examine how method overloading and Method overriding are implemented in Java.
11. Discuss the Life Cycle of a Thread in detail with a neat diagram.
12. Analyze the steps involved in Exception Handling with a program that handles multiple exceptions.
13. Describe Byte and Character Stream Classes in detail with examples.
