

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.

BCA. END SEMESTER EXAMINATION APRIL/NOV - 2021

SEMESTER - V

13UACT5009 & UCA/CT/5009 - Programming in Java

<b>Total Duration : 3 Hrs</b>	<b>Total Marks : 75</b>
MCQ : 30 Mins	MCQ : 15
Descriptive : 2 Hrs.30 Mins	Descriptive : 60

Section B

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

1. Discuss briefly on Java Data Types.
2. Write short notes on Life Cycle of a Thread.
3. Write the difference between method overloading and method overriding in java.
4. Discuss briefly about syntax of Exception Handling Code.
5. Write short notes on Applet Life Cycle.
6. Explain about inheritance and its types.
7. Discuss briefly on Working with color in java with suitable examples.
8. Explain about file streams in java.

Section C

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

9. Describe about features of Java in detail.
10. What is Synchronization? Explain the implementation of this concept in Java with examples.
11. Explain about method overriding and its rule with an example.
12. Describe any four drawing methods of the graphics class with suitable examples.
13. Explain the structure of AWT.