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 EXAMINATIONS APRIL-2022
SEMESTER - V
13UCACT5009 **&** UCA/CT/5009 - **Programming in JAVA**

Total Duration : 3 Hrs.   **Total Marks : 60**

Section A

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

1. What is ternary operator? Compare it with if...else statement.

2. List and explain the data types that support java.

3. What is overloading ? Explain constructor overloading with example.

4. Classify different access controls in java. Give suitable example for each.

5. Distinguish throw and throws keyword with example .

6. List the API packages in Java. Develop a program to create and import package.

7. Elaborate I/O streams in java with example.

8. How will you set the frame window using AWT?

Section B

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

9. Discuss the iterative and jump statements with example.

10. Illustrate with example about abstract class in java.

11. What is multithreading ? Explain inter thread communication.

12. Define applet. Explain the life cycle of an applet.

13. Explain AWT controls with example.

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