

**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.Sc. END SEMESTER EXAMINATIONS APRIL-2022

SEMESTER - VI

16UCSCT6A09 & UCS/CT/6A09 - Programming in Java

Total Duration : 3 Hrs.

Total Marks : 60

Section A

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

1. Explain different types of operators in Java with example.
2. Discuss about classes and objects in Java.
3. Differentiate between overloading and overriding in Java.
4. Explain Multithreading with example.
5. Write short notes on file streams.
6. Discuss about layout manager.
7. Explain menus in GUI Programming.
8. Discuss about various data types used in Java.

Section B

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

9. Write a detailed note on features of Java.
10. What is inheritance? Discuss its types with example programs.
11. Explain the concept of packages in Java with example.
12. Define applet. Explain the life cycle of an applet.
13. Write Java code to create a student registration form for a cultural event at your college.
