

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.

M.Sc.Applicable Mathematics - END SEMESTER EXAMINATIONS - APRIL 2025

SEMESTER - II

**20PAMCT2006 - Programming in Java**

Total Duration : 2 Hrs. 30 Mins.

Total Marks : 60

**Section B**

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

1. Describe the various operators available in Java.
2. Explain about Interfaces with an example.
3. Apply the concept of Deadlocks.
4. Determine the Char Array with examples.
5. Prepare a Java program to Illustrate the method Overriding.
6. Apply the packages in Access Protection.
7. Illustrate Synchronization.
8. Examine Code Documentation.

**Section C**

I - Answer any **TWO** questions ( $2 \times 10 = 20$  Marks)

9. Explain the features of Java.
10. Apply the concept of Inheritance with an example program.
11. Infer about Exception Handling with examples.
12. Evaluate Multithreading.

II - Compulsory question ( $1 \times 10 = 10$  Marks)

13. Examine the various Input and Output Streams.

\*\*\*\*\*