

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 - NOV'2024

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. Explain the Object oriented concepts in Java.
2. Illustrate in detail about Class,object and method in Java.
3. Classify the various data types available in Java.
4. Explain the various operators in Java.
5. Describe the Exception handling in Java.
6. Develop a code for user-defined packages .
7. Explain the usage of string objects.
8. Determine the concept of resuming and stopping threads in Java.

**Section C**

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

9. Describe the I/O file streams in Java.
10. Construct a code to implement the concept of Interface.
11. Examine the concept of multi-threading in Java with suitable examples.
12. Classify the types of Inheritance in Java.

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

13. Asses the code to create user-defined packages in Java.

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