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.(Appl.Maths) - END SEMESTER EXAMINATIONS APRIL - 2023
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. Sketch the features of Java.

2. Describe the Object oriented concepts in Java.

3. Prepare a program of your own by applying the concept of Constructor.

4. Explain the concept of Access control.

5. Illustrate Exception Handling in Java.

6. Compute Simple & Compound Interest calculation using Interfaces.

7. Describe the need of Synchronization.

8. Determine the concept of Applets with suitable examples.

Section C

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

9. Explain the Control statements available in Java with suitable examples?

10. Relate the concept of Packages in a program of your own.

11. Examine the concept of Multithreading with an example?

12. Evaluate the concept of String Buffer methods with suitable examples.

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

13. Apply the concept of Hybrid inheritance, prepare a Student Mark list of your own.

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