

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. CS - END SEMESTER EXAMINATIONS APRIL - 2024

SEMESTER -IV

23UCSCT4005-Programming In Java

Total Duration : 2 Hrs. 30 Mins.

Total Marks : 60

Section B

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

1. Examine the importance of packages.
2. Classify the types of operators.
3. Illustrate the feature of Java.
4. Apply the method overloading concept to create a Java program to add two numbers of (int,int), (int,float), (float,float) type variables.
5. Predict the need of overriding methods.
6. Describe the use of abstract class.
7. Sketch the way to create multiple threads in Java with example.
8. Differentiate fileInputStream and DataInputStream.

Section C

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

9. Describe the basic concept of OOPs.
10. Classify the control structure of Java.
11. Prepare a student information program with basic - details class, sports class, mark class using inheritance concept.
12. Ascertain the process of File Reader and File Writer with example program.
13. Differentiate try, throw, throws with syntax and examples.
