

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.C.A. - END SEMESTER EXAMINATIONS APRIL-2023

SEMESTER - V

20UACT5009 - 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 features of JAVA.
2. Relate and explain the concept of exception handling with an example.
3. Apply the stages of an applet life cycle in a program and explain it.
4. Illustrate AWT Controls in detail.
5. Explain Method Overriding with an example JAVA program.
6. Classify the packages available in JAVA and the process of importing them with examples.
7. Describe String objects in detail.
8. Examine SQL Warning class, SQL Exception class and Callable Statement.

Section C

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

9. Describe the Object Oriented features of JAVA.
10. Apply the concept of constructor overloading by implementing a JAVA program.
11. Ascertain the importance of multithreading in JAVA with example.
12. Classify the I/O streams and File Streams available in JAVA with explanation.
13. Evaluate JDBC connectivity, Driver types and Connecting to a database with appropriate JAVA code.
