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-2023
SEMESTER - VI
20UCSCT6009 - Programming in Java

Total Duration : 2 Hrs 30 Mins.   Total Marks : 60

Section B

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

1. Distinguish between procedural language and OOPs.

2. Explain briefly about different types of data types in java.

3. Explain the different types of constructors in java.

4. Illustrate about an operator overloading.

5. Relate the difference between multi-tasking and multi-threading with example.

6. What is package? Explain different types of Packages.

7. Develop an applet that receives an integer in one text field and computes its factorial value and returns it in another text field, when the button named "compute" is clicked.

8. Explain in detail about AWT class hierarchy.

Section C

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

9. Explain briefly about the features (buzzwords) of Java.

10. List different types of inheritances in java. Explain each of them in detail with an example program.

11. Illustrate about how packages can be defined, created and accessed.

12. Differentiate between Checked and Unchecked exceptions.

13. Develop a java program for handling a button click events.

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