

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. END SEMESTER EXAMINATION APRIL/NOV - 2021
SEMESTER - I

20PCSCT1002 - J2EE Programming

Total Duration : 3 Hrs	Total Marks : 75
MCQ : 30 Mins	MCQ : 15
Descriptive : 2 Hrs.30 Mins	Descriptive : 60

Section B

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

1. Classify various interfaces that are provided in Java.Servlet package.
2. Discuss the methods and drivers available in JDBC to store data in the database.
3. Show the steps involved in adding a JTable to an applet with example code.
4. How to create an applet that display four checkbox and text field?
5. Explain the steps for building a simple client/server application using RMI.
6. Write short notes on RMI interfaces.
7. Illustrate the overview of various layers of a network.
8. Describe the steps involved in creating the client and server side of a socket.

Section C

Part A

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

9. Prepare the life cycle of a servlet.
10. Determine the concept of JApplet with example.
11. Explain the role of stubs and skeletons in RMI.
12. Distinguish between client socket and server socket.

Part B

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

13. Compare briefly about Swing component classes JTextField and JButton.