

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.(Computer Science) END SEMESTER EXAMINATIONS NOVEMBER - 2023  
SEMESTER - I

**20PCSCT1002 - J2EE Programming**

Total Duration : 2 Hrs. 30 Mins.

Total Marks : 60

**Section B**

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

1. Explain the life cycle of Java servlet.
2. Illustrate how to create simple client/ server application using RMI.
3. Analyse the Java Web Server.
4. Write a socket program to choose different daytime server in a Telnet.
5. Write a JApplet code to display and choose your skills.
6. Explain the steps required to write a RMI program.
7. Write a program to display the contents of a file using File Output Stream.
8. Recommend a Java code to find out which of the first 1024 ports seem to be hosting TCP servers on a specified host.

**Section C**

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

9. Describe the methods in HttpServlet Request Interface.
10. Write a JApplet code to choose a country and display its flag.
11. Examine Stub and Skeleton in RMI.
12. Compare TCP and UDP.

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

13. Recommend a code to get information about a socket.

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