

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.CSc.(CGS) - END SEMESTER EXAMINATIONS - APRIL 2025

SEMESTER - IV

23UCGCT4005 - Relational Database Management System

Total Duration : 2 Hrs.30 Mins.

Total Marks : 60

Section B

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

1. Explain the importance of data normalization with an example.
2. How can Arithmetic Operations be applied in RDBMS with an example.
3. How exceptions are used in PL/SQL data types?
4. Explain PL/SQL packages and their significance.
5. What are client-server databases and state how do they function?
6. How do interface and join set operations work in RDBMS?
7. What is the difference between implicit and explicit cursors in PL/SQL?
8. Justify the role of data dictionary views in database management.

Section C

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

9. How can data modelling be illustrated in an RDBMS?
10. State the differences between dropping, renaming and truncating a table.
11. Explain the built-in-functions differ from user –defined functions in PL/SQL.
12. What are the key aspects of control structures in PL/SQL ?
13. How can data dictionary views be determined and utilized?
