

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 - V

20UCSCT5007 - Relational Database Management Systems

Total Duration : 2 Hrs 30 Mins.

Total Marks : 60

Section B

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

1. Describe the relational model with neat diagram.
2. Show the common types of relationships in DBMS with examples.
3. Apply DDL commands to create a table.
4. Illustrate with an example the SQL* plus commands.
5. Explain how to update and delete an existing row in SQL.
6. Compute the differences between set operations and join operation in SQL.
7. Prepare with relevant example the basic code structure of PL/SQL
8. Determine the views of data dictionary.

Section C

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

9. Illustrate Normalization with suitable example.
10. Classify the structure of client server database architecture in DBMS.
11. Differentiate DML commands based on their functionality.
12. Apply the PL/SQL features to handle the exceptions.
13. Compare the composite data types in PL/SQL.
