

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. END SEMESTER EXAMINATION APRIL/NOV - 2021

SEMESTER - V

21UCSCT5007 - Relational Database Management Systems

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. Explain the Entity – relationship diagram with class.
2. Explain the operations used to alter existing tables.
3. Define the concept of Aggregation. Also give two real world examples for this.
4. Describe any five SQL * Plus Commands with examples.
5. Give block-structure of PL/SQL and explain main components.
6. Briefly explain PL/SQL Cursors.
7. Explain Varrays in PL/SQL composite datatype.
8. Write the syntax of creating PL/SQL trigger.

Section C

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

9. Describe the concept of Normalization process with example.
10. Explain the process of joining tables in a query.
11. What is sub query, nested sub query? And also explain the following SQL operators IN, All, Any.
12. Describe datatype support by PL/SQL with examples.
13. Describe the concept of PL/SQL Packages.