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.
BCA. END SEMESTER EXAMINATIONS APRIL-2022
SEMESTER -IV
20UCACT4008 - Relational Database Management System (RDBMS)

Total Duration : 3 Hrs.   **Total Marks : 60**

Section A

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

1. How the database consistency is maintained ? Explain the rule in detail with example.

2. Describe the client/server database system in a multi user environment.

3. Elucidate the types of joins with example.

4. Sketch and describe the data types in PL/SQL.

5. Give detail about procedures in named blocks.

6. Which normal form has the concept of functional dependency? Explain with suitable example.

7. Write the query to grant a CREATE TABLE and SELECT privilege to a user named Ronald with respect to a database created for customers of a grocery shop.

8. Explain explicit and Implicit cursor s and its attributes in PL/SQL.

Section B

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

9. Illustrate the operations used by Relational Algebra in theoretical relational language.

10. How do you create, update and delete views for a database storing the details of students pursuing certificate course in a college?

11. Classify the DML commands. Give syntax and explain with example.

12. Describe the looping statement with example in PL/SQL.

13. Explain about packages with example in named blocks of PL/SQL.

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