Subject : 203 – RDBMS & Client Server Programming –24708

PGDCA SEM - II   **Marks : 100**

Q-1. A) Answer the following. (Any Five)   **10**

    1. Explain 'desc' Command.

    2. Mention concept of Dual. Give structure of Dual table.

    3. What is the use of ROLLBACK?

    4. Write syntax of insert data into table.

    5. What do you mean by NOT NULL?

    6. Define: Primary key, Foreign key.

B) Answer the following. (Any Two)   **10**

    1. Differentiate DBMS and RDBMS.

    2. Explain Data Manipulation Language.

    3. Explain Grant command with example.

Q-2. Answer the following. (Any Four)   **20**

    1. Explain DDL commands.

    2. Explain Join Query and its types in detail.

    3. What is view? Explain advantage of view.

    4. Explain various string functions with example.

    5. What is the use of Synonym? How to create and drop Synonym.

Q-3. Answer the following. (Any Four)   **20**

    1. Explain various parts of PL/SQL block.

    2. Explain syntax of while loop and for loop with example.

    3. Explain User Defined Exception with example.

    4. Explain Cursor for loop with syntax and example.

    5. Explain control structure of PL/SQL.

Q-4. A) Answer the following. (Any Two)   **10**

    1. Explain Client Server Architecture.

    2. Explain the function: count(*), upper(), round(), length(), to_date()

    3. Write Short note on sub query.

B) Write query for the following table: **10**

Table Name: Student

Filed Name	Type	Size	Constraints
RollNo	Number	3	Primary Key
Name	Varchar2	20	Not Null
Address	Varchar2	50	
D_O_B	date		
City	Char	10	Only three cities are allowed Bhavnagar,Surat,Rajkot

    1) Write above table's creating table query.

    2) List all students' name and city only.

    3) Find out student whose name='jayesh' and RollNo=102.

4) Find out student information whose birth month is current month.

5) Find out student name whose City is 'Bhavnagar' or 'Surat'

Q-5. Answer the following. (Any Two)   **20**

1. Write PL/SQL block which decides whether input number is palindrome or note.

2. Explain Package in detail.

3. Explain Trigger in detail.