**DBMS Pre lab-1**

1. Construct Entity diagram for bank in a bank application.
2. Write a program to create a relation.
3. Write a program to add record in the database.
4. Write a query to insert multiple records.
5. Write a command to rollback which undo the process.

**DBMS Pre lab-2**

1.    Write a query to find the employee name whose name starts with K.

2.    Differentiate Primary key and Foreign key with an example

3. Write a query to find the data in ascending order of employee table,

4. Write a query to find the average salary of an employee.

**DBMS Pre lab-3**

1. Differentiate the SQL operations with examples

i) Between ii) In iii) Like Iv) Distinct

2. Differentiate Weak and strong entity set? Represent with diagram.

3. Write queries on sets operators.

4. Write a query to view the records of a table.

**DBMS Pre lab-4**

1. Write a query on Group by Clause?
2. Differentiate the following string function with examples  
   i)substr              ii)instr           iii)trim           iv)rpad
3. Write a query on Date functions with syntaxes
4. How to specify alias name to columns give one example

**DBMS Pre lab-5**

1. Write a query to merge two tables using joins.

2. Write a query using a correlated query.

3. Differentiate relational algebra and calculus with examples.

4. Differentiate projection and selection with examples.

**DBMS Pre lab-6**

1. Differentiate third normal Form and Boyce Normal Form.

2. Differentiate the Trivial and Non trivial FD’s?

3. Write a query to display each institute name with no. of students.

4. Write a query to find the distinct student ids in the student relation.

**DBMS Pre lab-7**

1.   Write about PL/SQL execution environment.

2.   Construct a various sections of a PL/SQL block?

3.   Write a query using %rowtype in PL/SQL.

4. Write a query using %type in PL/SQL

**DBMS Pre lab-8**

1. Distinguish Procedure and functions

2. How to create procedure and functions.

3. How to drop a stored procedure.

4. Construct the nested query with IN operator.

**DBMS Pre lab-9**

1. Differentiate explicit and implicit cursors

2.    Write a PL/SQL program using implicit cursor attributes

3.    How do you declare a parameterized cursor?

4.    Write the steps involved in using an explicit cursor.

**DBMS Pre lab-10**

1. Which SQL statement can be used in triggers.
2. Differentiate before and after triggers.
3. How do you delete a Trigger?