Meerut Institute of Technology, Professional Courses, Meerut (1110)
Department of Computer Application (BCA)

Subject: Computer Laboratory and Practical Work of DBMS   **Subject Code:** BCA-505

Semester: BCA V Sem   **Session:** 2024-25

Lab Program List

I	**Write the Queries for Database.**
1	Write a query to create a database DB1.
2	Write a query to use a database DB1.
3	Write a query to delete a database DB1.
4.	Write a query to show all the databases .
II	**Write the queries for Data Definition Language**
1	Write a query to create a table employee with empno, ename, designation, andsalary.
2	Write a query for create a new table from an existing table with all the fields.
3	Write a Query to Alter the column EMPNO varchar(10) TO varchar20).
4	Write a query to add a new column in to employee.
5	Write a query to drop a column from an existing table employee.
6	Write a query to drop an existing table employee
III	**Write the queries for Data Manipulation**
7	Write a query to insert the records in to employee
8	Write a query to display the records from employee.
9	Write a query to insert the records in to employee using substitution method.
10	Write a query to update the records from employee.
IV	**Write SQL queries using logical operations and operators.**
11	Write a query to find the salary of a person where age is <= 26 and salary >= 25000 from customer table.
12	Write a query to find the salary of a person where age is <= 26 or salary > =33000 from customer table.
13	Write a query to find the name of customer whose name is like "Ku%".
14	Write a query to find the customer details using "IN" and "Between" operator where age can be 25 or 27.
V	**Write SQL query using group by function.**
15	Write a query find the number of ID on the basis of address
VI	**Write SQL queries for group functions.**
16	Write a query find the total price of the product
17	Write a query find the average price of the product.
18	Write a query find the max price of the product.
VII	**Write SQL queries for sub queries, nested queries.**
19	Display all employee names and salary whose salary is greater than minimum salary of the company and job title starts with „A".
VIII	**Write SQL queries to create views.**
20	Write a SQL query to create a view of customer table created in PRACTICAL no 1.
IX	**Write an SQL query to implement JOINS.**
21	Display the employee details, departments that the departments are same in both the emp and dept.
22	Write a query for extracting data from more than one table.
23	Write a query to extract empno, ename, salary, dname and location from employee and department table where

	empno = deptno without using joins
24	Write a query to extract ename, salary and location from employee and department table where is like 30, 40.
X	**Write a query to understand the concepts for ROLL BACK, COMMIT & CHECK POINTS.**
25	Write a query to implement the save point
26	Write a query to implement the Rollback.