DATE: 22/01/2019 CSE-E

Practicing DDL, DML, DCL and TCL Commands

DDL – CREATE, ALTER, DROP, TRUNCATE

Create Table

Alter Command

1. Adding a new column

2. Renaming a column

3. Modifying a column Increasing and decreasing size ( data type)

Conversion of column from one data type to another Renaming a column

4. Dropping an existing column

Truncate Command

Drop Command

DML - INSERT, UPDATE , DELETE

TCL – COMMIT , ROLLBACK, SAVEPOINT

DCL – GRANT , REVOKE

BASIC QUERIES

1. Display all the information of the EMP table.

2. Display information of the DEPT table

3. Display unique Jobs from EMP table.

4. List the employees in the ascending order of their Salaries

5. List the details of the employees in ascending order of the Department numbers and descending order of their Jobs.

6. Display all the unique job groups in the descending order.

7. List the Employee number, Employee name, Salary, Daily salary of all employees in the ascending order of Annual salary.

WHERE CLAUSE

1. List the employee details who joined before 1981.

2. List the Employee number, Employee name, manager number, Salary of all employees working for Manager Number 7369.

3. Display all the details of the employees whose Commission is more than their Salary.

4. List the employee number, employee name, designation and joining date in the ascending order of Designations of those joined after the second half of 1981.

5. List the employee details whose Daily Sal is more than $100.

6. List the employee name, designation and salaries who are either ‘CLERK’ or ‘ANALYST’ in the descending order of their salary.

7. List the employee number, name and joining dates who are joined on 1-MAY-81, 3-DEC81, 17-DEC-81, 19-JAN-80 in ascending order of seniority.

8. List the employee name and department number who are working for the department number 10 or20.

9. List the employee details who are joined in the year 81.

10. List the employee details who are joined in the month of Aug 1980.

11. List the employee name, salary and annual salary whose Annual salary ranging from 22000 and 45000.

12. List the Employee names those are having five characters in their Names.

13. List the Employee names those are starting with ‘S’ and with five characters.

14. List the employee names those are having four chars and third character must be ‘r’.

15. List the five character employee names starting with ‘S’ and ending with ‘H’.

16. List the employee details who joined in January.

17. List the employee details who joined in the month of which second character is ‘a’.

18. List the employee number, name and salaries whose Salary is four digit number ending with Zero.

19. List the employee number and name whose names having characters ‘ll’ together.

20. List employee number and joining dates who joined in 80’s.