ACCS-16405 RDBMS, Tutorial Sheet 1
4TH CSE –2   BATCH(2020-2024)

1. What is a table space? Write the syntax to create a table space in Oracle SQL.

2. Write the command to create a user account in Oracle.

3. Write commands to copy the tables: Emp & Dept of user Scott into your own account.
   Also describe these tables.

4. What is SQL and SQL * Plus?

5. Write the complete syntax for select Statement.

6. List the various Oracle Data types.

7. List and explain constraints in SQL.

8. Queries: Based on EMP table

   ✓ Display all the employees whose salary is less than 2500.

   ✓ Display all the employees who are "Clerks" and whose name starts with letter „S‟.

   ✓ Display all employees who were hired before the year 1975 and who belong to deptno 20.

   ✓ Write a SQL query that will return the employee number and name of all clerks, ordered by employee number.

   ✓ Write a SQL query that will return the name and job of all employees, ordered alphabetically by name.

   ✓ Display name and salary of all employees whose names end with letter „R‟ and who do not earn a commission.

   ✓ Write a query to display unique job codes from EMP table.

   ✓ Write a query to display employees belonging to deptnos:10, 20 ,30.

9. Queries based on group by:

   Perform the following queries based on the "EMP" table:
   .
   ✓ List the department numbers and number of employees in each department.
   ✓ List the department numbers and the total salary payable in each department.
   ✓ List the jobs and the number of employees in each job. The result should be in descending order of number of employees
   ✓ List the total salary, maximum, minimum and average salary of the employees job-wise.
   ✓ List the average salary for each job excluding managers.
   ✓ List the total salary, maximum, minimum and average salary of the employees job-wise, for department number 20 only.
   ✓ List average salary for all departments employing more than 2 people.
   ✓ List the jobs department-wise along with the number of employees in each job.