# Quiz 2

Database and SQL:

1. Which of the following is a type of SQL command that alters the structure of a table?

- A) DDL

- B) DML

- C) DCL

- D) TCL

A) DDL

2. What does the `TRUNCATE` command do in SQL?

- A) Deletes specific rows in a table

- B) Removes all rows from a table but keeps the table structure

- C) Drops the entire table including its structure

- D) Modifies the structure of a table

B) Removes all rows from a table but keeps the table structure

3. Which SQL command is used to give user access privileges to a database?

- A) GRANT

- B) REVOKE

- C) COMMIT

- D) ROLLBACK

A) GRANT

4. Which of the following is a transaction control command?

- A) SELECT

- B) SAVEPOINT

- C) INSERT

- D) DROP

B) SAVEPOINT

5. What is the primary purpose of the `FOREIGN KEY` constraint in a relational database?

- A) To ensure the uniqueness of records in a table

- B) To prevent null values in a column

- C) To enforce a relationship between tables

- D) To automatically increment the value of a column

C) To enforce a relationship between tables

6. Which SQL command is used to modify the values in a column of a table?

- A) ALTER

- B) UPDATE

- C) DELETE

- D) CREATE

B) UPDATE

7. In SQL, which of the following is a comparison operator?

- A) BETWEEN

- B) WHERE

- C) DISTINCT

- D) SELECT

A) BETWEEN

8. What type of join returns all rows from the left table and the matched rows from the right table?

- A) INNER JOIN

- B) RIGHT JOIN

- C) LEFT JOIN

- D) FULL JOIN

C) LEFT JOIN

9. Which SQL function is used to find the maximum value in a column?

- A) COUNT()

- B) AVG()

- C) MAX()

- D) MIN()

C) MAX()