Started on	Wednesday, 19 March 2025, 9:39 AM
State	Finished
Completed on	Wednesday, 19 March 2025, 9:45 AM
Time taken	5 mins 49 secs
Marks	7.00/10.00
Grade	**70.00** out of 100.00

Question 1

Complete

Mark 1.00 out of 1.00

Consider the following SQL query: UPDATE Employees SET Salary = Salary + 5000 WHERE Department = 'HR';

- ○ a. Throws an error due to the `WHERE` clause.
- ○ b. Decreases salary of HR department employees by 5000.
- ○ c. Increases all employees' salary by 5000.
- ◉ d. Increases salary of only HR department employees by 5000.

Question 2

Complete

Mark 1.00 out of 1.00

Consider the following SQL sequence: BEGIN; UPDATE Employees SET Salary = Salary + 5000 WHERE Department = 'IT'; ROLLBACK;

- ◉ a. No change will happen in the Employees table.
- ○ b. The salaries of IT employees will increase by 5000.
- ○ c. Only half the rows get updated.
- ○ d. An error occurs because `ROLLBACK` cannot undo an `UPDATE`.

Question 3

Complete

Mark 1.00 out of 1.00

What will be the result of the following SQL statement? REVOKE INSERT, UPDATE ON Employees FROM user1;

- ◉ a. `user1` loses INSERT and UPDATE privileges on `Employees`.
- ○ b. `user1` loses SELECT privilege on `Employees`.
- ○ c. Nothing happens.
- ○ d. `user1` loses all privileges on `Employees`.

Question 4

Complete

Mark 1.00 out of 1.00

What will happen if we execute the following command? TRUNCATE TABLE Orders;

- a. Deletes all rows and removes the table structure.
- b. Deletes all rows but retains the table structure.
- c. Deletes selected rows only.
- d. Returns an error if there are foreign key constraints.

Question 5

Complete

Mark 0.00 out of 1.00

What will happen if you execute the following SQL statement? INSERT INTO Students (ID, Name) VALUES (101, 'John'); INSERT INTO Students (ID, Name) VALUES (101, 'Mike');

- a. The second statement overwrites the first one.
- b. Both rows will be inserted successfully.
- c. Only the first row is inserted; the second one causes a Primary Key violation.
- d. Error due to missing `VALUES` keyword.

Question 6

Complete

Mark 0.00 out of 1.00

Which of the following SQL commands can be used to modify the structure of an existing table?

- a. `ALTER`
- b. `MODIFY`
- c. `CHANGE`
- d. `UPDATE`

Question 7

Complete

Mark 0.00 out of 1.00

Which of the following SQL statements is used to remove an entire table including its structure?

- a. `DROP TABLE Employees;`
- b. `REMOVE TABLE Employees;`
- c. `TRUNCATE TABLE Employees;`
- d. `DELETE TABLE Employees;`

Question 8
Complete

Mark 1.00 out of 1.00

Which SQL command is used to modify existing data in a table?

- a. `ALTER`
- b. `MODIFY`
- c. `UPDATE`
- d. `INSERT`

Question 9
Complete

Mark 1.00 out of 1.00

Which SQL command is used to permanently save a transaction?

- a. `SAVEPOINT`
- b. `ROLLBACK`
- c. `UPDATE`
- d. `COMMIT`

Question 10
Complete

Mark 1.00 out of 1.00

Which SQL statement is used to give a user access to a database?

- a. `ALTER`
- b. `REVOKE`
- c. `ACCESS`
- d. `GRANT`