41 Lecture - CS403

Important Mcqs

- 1. Which SQL statement is used to update data in multiple tables at once?
 - A) UPDATE
 - B) ALTER
 - C) JOIN
 - D) SELECT

Answer: C) JOIN

Which type of join is used to update data in multiple tables based on a matching column?

- A) INNER JOIN
- B) OUTER JOIN
- C) LEFT JOIN
- D) RIGHT JOIN

Answer: A) INNER JOIN

What happens when you attempt to update data in multiple tables without using a join statement?

- A) The update fails
- B) Data in one table is updated but not the other
- C) Data in both tables is updated but the result may be inconsistent
- D) Data in both tables remains unchanged

Answer: C) Data in both tables is updated but the result may be inconsistent

Which keyword is used to specify the table to be updated in an SQL guery?

- A) SET
- B) FROM
- C) WHERE
- D) UPDATE

Answer: D) UPDATE

When updating data in multiple tables, which of the following is NOT a recommended practice?

- A) Back up the database before making any changes
- B) Test the update on a small sample of data first
- C) Use a transaction to ensure all changes are made together
- D) Update tables in a random order

Answer: D) Update tables in a random order

Which type of subquery can be used to update data in a table based on values in another table?

- A) Correlated subquery
- B) Non-correlated subquery
- C) Nested subquery

D) None of the above

Answer: A) Correlated subquery

In which scenario would you use a LEFT JOIN to update data in multiple tables?

- A) When you want to update data only in the first table
- B) When you want to update data only in the second table
- C) When you want to update data in both tables
- D) When you want to update data in the first table and keep all the rows in the second table

Answer: D) When you want to update data in the first table and keep all the rows in the second table

What is the purpose of a foreign key constraint in a database?

- A) To ensure that data in one table matches data in another table
- B) To prevent data duplication in a table
- C) To improve query performance
- D) To encrypt sensitive data

Answer: A) To ensure that data in one table matches data in another table

Which type of join returns all rows from both tables, even if there is no match?

- A) INNER JOIN
- B) OUTER JOIN
- C) LEFT JOIN
- D) RIGHT JOIN

Answer: B) OUTER JOIN

Which SQL statement can be used to roll back changes made during an update operation?

- A) ROLLBACK
- B) COMMIT
- C) SAVEPOINT
- D) UPDATE

Answer: A) ROLLBACK