# Quiz 4

Database and SQL:

**Which of the following is true about the COMMIT command?**

* A) It saves all transactions permanently in the database
* B) It rolls back the transactions to the last savepoint
* C) It deletes all rows from a table
* D) It grants privileges to users

A) It saves all transactions permanently in the database

**Which of the following SQL clauses is used to sort the result set?**

* A) ORDER BY
* B) WHERE
* C) GROUP BY
* D) HAVING

A) ORDER BY

**Which SQL operator is used to combine two conditions that must both be true?**

* A) OR
* B) AND
* C) NOT
* D) BETWEEN

B) AND

**What does the JOIN keyword do in SQL?**

* A) Deletes duplicate rows
* B) Combines rows from two or more tables
* C) Retrieves all columns from a single table
* D) Adds a new column to a table

B) Combines rows from two or more tables

**Which of the following is an example of an aggregate function in SQL?**

* A) WHERE
* B) SELECT
* C) SUM()
* D) UPDATE

C) SUM()

**What does the following SQL query do? SELECT fname, lname FROM employees WHERE salary > 5000;**

* A) Displays all employee names
* B) Displays the first and last names of employees with a salary greater than 5000
* C) Increases the salary of all employees by 5000
* D) Deletes employee records with a salary less than 5000

B) Displays the first and last names of employees with a salary greater than 5000

**Which of the following is true about the ROLLBACK command?**

* A) It saves all the changes permanently
* B) It undoes transactions that have not been committed
* C) It deletes specific rows from a table
* D) It adds a new column to a table

B) It undoes transactions that have not been committed

**What does the DISTINCT keyword do in an SQL query?**

* A) Displays all rows, including duplicates
* B) Displays only unique rows, removing duplicates
* C) Selects a specific column
* D) Orders the result set in descending order

B) Displays only unique rows, removing duplicates

**Which SQL clause is used to filter groups of rows returned by the GROUP BY clause?**

* A) WHERE
* B) ORDER BY
* C) HAVING
* D) SELECT

C) HAVING

**Which of the following SQL commands is used to delete specific rows from a table?**

* A) TRUNCATE
* B) DELETE
* C) DROP
* D) ALTER

B) DELETE