1. **Question 1:**
   ```sql
   SELECT COUNT(*) FROM employees;
   ```

d

   What does this SQL query return?
   - A) The number of distinct departments.
   - B) The total number of employees.
   - C) The average salary of employees.
   - D) The highest employee ID.

2. **Question 2:**
   ```sql
   SELECT * FROM products WHERE category = 'Electronics';
   ```

b

   What does this SQL query do?
   - A) Retrieves all products.
   - B) Retrieves products with a specific category.
   - C) Retrieves products with a specific price range.
   - D) Retrieves products with a specific manufacturer.

3. **Question 3:**
   ```sql
   UPDATE orders SET status = 'Shipped' WHERE order_id = 123;
   ```

c

   What does this SQL query do?
   - A) Inserts a new order.
   - B) Deletes an order.
   - C) Updates the status of a specific order.
   - D) Retrieves order details.

4. **Question 4:**
   ```sql
   DELETE FROM customers WHERE country = 'USA';
   ```

b

   What does this SQL query do?
   - A) Deletes all customers.
   - B) Deletes customers with a specific country.
   - C) Updates the country of all customers.

- D) Inserts a new customer.

5. **Question 5:**
   ```sql
   SELECT AVG(price) FROM products WHERE category = 'Clothing';
   ```

c

What does this SQL query return?
- A) The average price of all products.
- B) The total number of products in the Clothing category.
- C) The average price of products in the Clothing category.
- D) The highest price of products.

6. **Question 6:**
   ```sql
   INSERT INTO employees (name, salary) VALUES ('John Doe', 50000);
   ```

b

What does this SQL query do?
- A) Deletes an employee.
- B) Inserts a new employee with a specified name and salary.
- C) Updates the salary of an employee.
- D) Retrieves information about employees.

7. **Question 7:**
   ```sql
   SELECT MAX(order_date) FROM orders;
   ```

?

What does this SQL query return?
- A) The earliest order date.
- B) The latest order date.
- C) The average order date.
- D) The total number of orders.

8. **Question 8:**
   ```sql
   SELECT DISTINCT category FROM products;
   ```

b

What does this SQL query return?
- A) All products.
- B) Unique product categories.
- C) Products with a specific category.

- D) The total number of product categories.

9. **Question 9:**
    ```sql
    SELECT customer_id, COUNT(order_id) FROM orders GROUP BY customer_id HAVING
    COUNT(order_id) > 5;
    ```
b

   What does this SQL query do?
   - A) Retrieves all customers.
   - B) Retrieves customers with more than 5 orders.
   - C) Updates the order count for customers.
   - D) Deletes customers with fewer than 5 orders.

10. **Question 10:**
    ```sql
    SELECT product_name, price FROM products ORDER BY price DESC LIMIT 5;
    ```
?

   What does this SQL query return?
   - A) All products sorted by name.
   - B) The top 5 most expensive products.
   - C) The bottom 5 least expensive products.
   - D) Products with prices in descending order.