

## SQL Exam

### 1. What does SQL stand for?

- a. Strong Question Language
- b. Structured Query Language
- c. Structured Question Line

### 2. Which SQL command extracts data from a database?

- a. SELECT
- b. OPEN
- c. UPDATE
- d. EXTRACT

### 3. Which SQL command updates data in a database?

- a. SAVE AS
- b. SAVE
- c. INSERT
- d. UPDATE

### 4. Which SQL command deletes data from a database?

- a. BLANK
- b. REMOVE
- c. UPDATE
- d. DELETE

### 5. Which SQL command inserts new data in a database?

- a. NEW
- b. PUT
- c. INSERT
- d. ADD

### 6. With SQL, how do you select the column named "FirstName" from a table named "Persons"?

- a. EXTRACT FirstName FROM Persons
- b. SELECT FirstName FROM Persons
- c. SELECT Persons, FirstName
- d. SELECT Persons FROM FirstName

## SQL Exam

### 7. With SQL, how do you select all the columns from a table named "Persons"?

- a. SELECT [all] FROM PERSONS
- b. SELECT \* FROM Persons
- c. SELECT Persons
- d. SELECT \*.Persons

### 8. With SQL, how do you select all the records from a table named "Persons" where the "FirstName" is "Peter"?

- a. SELECT [all] FROM Persons LIKE FirstName<>'Peter'
- b. SELECT \* FROM Persons WHERE FirstName LIKE='Peter'
- c. SELECT \* FROM Persons WHERE FirstName='Peter'
- d. SELECT \* FROM Persons LIKE 'Peter'

### 9. With SQL, how do you select all the records from a table named "Persons" where the "FirstName" starts with an "a"?

- a. SELECT \* FROM Persons LIKE FirstName='%a'
- b. SELECT \* FROM Persons WHERE FirstName LIKE 'a%'
- c. SELECT \* FROM Persons WHERE FirstName='a'
- d. SELECT \* FROM Persons WHERE FirstName LIKE '%a'

### 10. The AND operator displays a record if ANY conditions listed are true. The OR operator displays a record if ALL of the conditions listed are true.

- a. True
- b. False

### 11. With SQL, how do you select all the records from a table named "Persons" where the "FirstName" is "Peter" and the "LastName" is "Jackson"?

- a. SELECT \* FROM Persons WHERE FirstName='Peter' OR LastName='Jackson'
- b. You can not do that with SQL
- c. SELECT \* WHERE FirstName='Peter', LastName='Jackson' FROM Persons
- d. SELECT \* FROM Persons WHERE FirstName='Peter' AND LastName='Jackson'

## SQL Exam

**12. With SQL, how do you select all the records where the “LastName” is alphabetically between (and including) “Hansen” and “Pettersen”?**

- SELECT \* FROM Persons WHERE LastName>'Hansen', LastName<'Pettersen'
- SELECT \* FROM Persons WHERE LastName>='Hansen' AND LastName<='Pettersen'
- SELECT \* FROM Persons WHERE LastName BETWEEN 'Hansen' AND 'Pettersen'
- SELECT LastName>'Hansen' AND LastName<'Pettersen' FROM Persons

**13. Which SQL keyword is used to sort the result?**

- GROUP BY
- SORT BY
- ORDER BY
- DESC

**14. With SQL, how can you return all the records from a table named “Persons” sorted REVERSE alphabetically by “FirstName”?**

- SELECT \* FROM Persons WHERE FirstName ORDER BY FirstName DESC
- SELECT \* FROM Persons ORDER BY -'FirstName'
- SELECT \* FROM Persons SORT REVERSE 'FirstName'
- SELECT \* FROM Persons ORDER BY FirstName DESC

**15. With SQL, how can you insert a new record into the “Persons” table?**

- INSERT INTO Persons VALUES ('Jimmy', 'Jackson')
- INSERT VALUES ('Jimmy', 'Jackson') INTO Persons
- INSERT ('Jimmy', 'Jackson') INTO Persons
- INSERT INTO Persons (FirstName, LastName) VALUES ('Jimmy', 'Jackson')

## SQL Exam

**16. With SQL, how can you insert “Olsen” as the “LastName” in the “Persons” table?**

- INSERT INTO Persons ('Olsen') INTO LastName
- INSERT INTO Persons (LastName) VALUES ('Olsen')
- INSERT ('Olsen') INTO (LastName) FROM Persons
- INSERT ('Olsen') INTO Persons

**17. How can you change “Hansen” into “Nilsen” in the “LastName” column in the Persons Table?**

- SAVE Persons SET LastName = 'Nilsen' WHERE LastName = 'Hansen'
- SAVE Persons SET LastName = 'Hansen' INTO LastName = 'Nilsen'
- UPDATE Persons SET LastName = 'Hansen' INTO LastName = 'Nilsen'
- UPDATE Persons SET LastName = 'Nilsen' WHERE LastName = 'Hansen'

**18. With SQL, how can you delete the records where the “FirstName” is “Peter” in the Persons Table?**

- DELETE FROM Persons WHERE FirstName = 'Peter'
- DELETE ROW FirstName='Peter' FROM Persons
- DELETE FirstName='Peter' FROM Persons
- DELETE \* FROM Persons