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| Batch:  Date:  Total Time : 20 Minutes  Total Marks: 21 | **Module: Mysql**  **Instructor: Abu Saleh Abdullah Al- Mamun**  **Mark Obtained:** |
| Trainee Name : | Trainee ID: |

1. What does SQL stand for?

**a.Structured Query Language**  b.Strong Question Language

c. Structured Question Language

2. Which SQL statement is used to extract data from a database?

a. OPEN b.EXTRACT

**c. SELECT**  d.GET

3. Which SQL statement is used to update data in a database?

a. MODIFY b.SAVE

c. SAVE AS **d.UPDATE**

4. Which SQL statement is used to delete data from a database?

a. REMOVE **b.DELETE**  c.COLLAPSE

5. Which SQL statement is used to insert new data in a database?

a. ADD NEW **b.INSERT INTO**

c. ADD RECORD d.INSERT NEW

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

**a. SELECT FirstName FROM Persons**

b. EXTRACT FirstName FROM Persons

c. SELECT Persons.FirstName

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

a. SELECT \*.Persons b. SELECT Persons

c. SELECT [all] FROM Persons **d. SELECT \* FROM Persons**

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

a. SELECT \* FROM Persons WHERE FirstName<>'Peter'

b. SELECT [all] FROM Persons WHERE FirstName LIKE 'Peter'

**c. SELECT \* FROM Persons WHERE FirstName='Peter'**

d. SELECT [all] FROM Persons WHERE FirstName='Peter'

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

a.SELECT \* FROM Persons WHERE FirstName='%a%'

b. SELECT \* FROM Persons WHERE FirstName LIKE '%a'

**c. SELECT \* FROM Persons WHERE FirstName LIKE 'a%'**

d. SELECT \* FROM Persons WHERE FirstName='a'

10. The OR operator displays a record if ANY conditions listed are true. The AND 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' AND LastName='Jackson'**

b. SELECT \* FROM Persons WHERE FirstName<>'Peter' AND LastName<>'Jackson'

c. SELECT FirstName='Peter', LastName='Jackson' FROM Persons

12. With SQL, how do you select all the records from a table named "Persons" where the "LastName" is alphabetically between (and including) "Hansen" and "Pettersen"?

a. SELECT LastName>'Hansen' AND LastName<'Pettersen' FROM Persons

**b. SELECT \* FROM Persons WHERE LastName BETWEEN 'Hansen' AND 'Pettersen'**

c. SELECT \* FROM Persons WHERE LastName>'Hansen' AND LastName<'Pettersen'

13. Which SQL statement is used to return only different values?

a. SELECT DIFFERENT **b. SELECT DISTINCT**

c. SELECT UNIQUE d. None of this

14. Which SQL keyword is used to sort the result-set?

a. SORT BY **b. ORDER BY** c. ORDER d. SORT

15. With SQL, how can you return all the records from a table named "Persons" sorted descending by "FirstName"?

a. SELECT \* FROM Persons SORT BY 'FirstName' DESC

b. SELECT \* FROM Persons SORT 'FirstName' DESC

**c. SELECT \* FROM Persons ORDER BY FirstName DESC**

d. SELECT \* FROM Persons ORDER FirstName DESC

16. With SQL, how can you insert a new record into the "Persons" table?

a. INSERT VALUES ('Jimmy', 'Jackson') INTO Persons

**b. INSERT INTO Persons VALUES ('Jimmy', 'Jackson')**

c. INSERT ('Jimmy', 'Jackson') INTO Persons

17. With SQL, how can you insert "Olsen" as the "LastName" in the "Persons" table?

a. INSERT INTO Persons ('Olsen') INTO LastName

**b. INSERT INTO Persons (LastName) VALUES ('Olsen')**

c. INSERT ('Olsen') INTO Persons (LastName)

18. How can you change "Hansen" into "Nilsen" in the "LastName" column in the Persons table?

**a. UPDATE Persons SET LastName='Nilsen' WHERE LastName='Hansen'**

b. UPDATE Persons SET LastName='Hansen' WHERE LastName='Nilsen'

19. With SQL, how can you delete the records where the "FirstName" is "Peter" in the Persons Table?

a. DELETE FirstName='Peter' FROM Persons

b. DELETE ROW FirstName='Peter' FROM Persons

**c. DELETE FROM Persons WHERE FirstName = 'Peter'**

20. With SQL, how can you return the number of records in the "Persons" table?

a. SELECT COLUMNS() FROM Persons

b. SELECT COUNT(\*) FROM Persons

c. SELECT COLUMNS(\*) FROM Persons

d. SELECT COUNT() FROM Persons

21. What is the result of trying to insert NULL as value to an "auto increment" column?

**a. New generated sequence number** b.Error

c. NULL d. 0