

# **Sapana Jaiswal**

## **Assignment on SQL**

### **Dec 13, 2019**

1. Which of the following clauses is used to display information that match a given pattern?

LIKE clause

2. The special database that always exist after setting up MySQL in a computer is\_\_\_\_\_?

Information Schema

3. Which operator is used to perform integer division in MySQL?

DIV

4. The query 'SELECT NOW()' shows the current\_\_\_\_\_?

It will return current date and time

5. Suppose you want to select a database named 'sampledb' as the default database. Which of the commands do you use?

USE sampledb

6. What does 'abc' & 'xyz' specify?

CREATE TABLE abc (xyz);

It will create table name with abc and xyz is column name

7. To see the table structure, which of the following command is issued?

SELECT \* FROM Tablename;

8. To execute the contents of a query file 'exec.sql' by feeding it to Mysql, which command is used?

Mysql sampleddb <exec.sql

9. The clause that enables mapping a short command to a long Command is\_\_\_\_\_?

alias

10. Which statement can be used to specify the sql\_mode system Variable at runtime?

SET statement

11. Which of the following characters is illegal in naming an unquoted Identifier in SQL?

. character

12. How are identifiers quoted in MySQL?

: is used for identifiers in sql

13. What is the maximum length for alias names in terms of characters?

256

14. What does a fully qualified table name consist of?

It must have database name and table name

15. The default case sensitivity of database and table names depends On \_\_\_\_\_?

Operating system of the machine

16. Which property determines whether a database objective is case Sensitive?

Collation property

17. Create a database table according to the table given below on MySQL workbench and perform the queries on the table

18. Write a sql query to fetch the count of Consultants working in project P1?

```
SELECT COUNT(*) FROM TableOne WHERE Project= 'P1';
```

19. Write a SQL query to fetch common records between two tables?

```
SELECT * FROM TableOne INTERSECT SELECT * FROM TableTwo;
```

20. Write a SQL query to fetch records that are present in one table but not in another table?

```
SELECT * FROM TableOne MINUS SELECT * FROM TableTwo;
```

21. Write a SQL query to fetch consultants name having salary greater than Or equal to 30\$ and less than or equal to 50\$?

```
SELECT Name FROM TableOne WHERE Consultadd_id (SELECT Consultadd_id  
FROM TableTwo WHERE Salary>=30 AND Salary<=50);
```

22. Write a SQL query to fetch project-wise count of consultants sorted by project's count in descending order?

```
SELECT Project, COUNT(Consultadd_id) empCount FROM TableTwo GROUP BY  
Project ORDER BY empCount DESC;
```

23. Write a SQL query to fetch duplicate records from a table?

```
SELECT Conusiltadd_id, Project, Salary, Country, Email FROM TableTwo GROUP BY  
Conusiltadd_id, Project, Salary, Country, Email HAVING COUNT (*) > 1;
```

24. Write a SQL query to remove duplicates from a table without using temporary tables?

25. Write a SQL query to fetch only odd rows from table?