

Single Table SQL

Total points 16

1. What is the purpose of the psql command?

1 point

- ☐ Start the PostgreSQL server
- ☒ Make a connection to a PostgreSQL server and send SQL commands to the server
- ☐ Purge all the relations (remove all the data)
- ☐ Pause the SQL server

2. What is the psql command to show all of the databases in a server?

1 point

- ☐ \dd
- ☐ \q
- ☐ \dt
- ☒ \l
- ☐ \d+

3. What is the psql command to show the schema of a relation?

1 point

- ☐ \dt
- ☐ \q
- ☒ \d+
- ☐ \dd
- ☐ \schema

4. What is the psql command to show all the relations in a database?

1 point

- ☒ \q
- ☐ \dd
- ☐ \schema
- ☒ \dt
- ☐ \d+

5. What is the psql command to end a psql session?

1 point

- ☐ \x
- ☒ \q
- ☐ \d+
- ☐ \schema
- ☐ \dd

6. Structured Query Language (SQL) is used to (check all that apply)

1 point

- ☒ Delete data
- ☐ Run php
- ☒ Insert data
- ☒ Create a table

7. Which of these is the right syntax to make a new database using the command line?

1 point

- ☐ MAKE people;
- ☐ CREATE people;
- ☐ MAKE DATASET people;
- ☒ CREATE DATABASE people;

8. "INSERT INTO" is the keyword used to insert data into tables.

1 point

☒ True

☐ False

9. Which keyword is used to add conditions to your query?

1 point

☐ IF

☐ SELECT

☐ ONLYIF

☒ WHERE

10. Which command is used to retrieve all records from the table?

1 point

☐ RETRIEVE * FROM Users

☐ RETRIEVE all FROM Users

☒ SELECT * FROM Users

☐ SELECT all FROM Users

11. Which keyword will cause the results of the query to be displayed in sorted order?

1 point

☐ GROUP BY

☐ None of these

☒ ORDER BY

☐ WHERE

12. The LIMIT clause restricts the number of rows returned by a query.

1 point

☒ True

☐ False

13. What is a postgresQL function that returns the current time?

1 point

- ☒ NOW()
- ☐ WHEN()
- ☐ CURRENT()
- ☐ GMT_LOCAL()

14. How many digits of precision can be stored in a PostgreSQL DOUBLE column?

1 point

- ☐ 10
- ☐ unlimited
- ☒ 14
- ☐ 7

15. The largest integer the PostgreSQL is the BIGINT column type which can handle 18-digit numbers.

1 point

- ☐ True
- ☒ False

16. What is the most common index type used in PostgreSQL?

1 point

- ☐ BART
- ☒ BTREE
- ☐ BRIN
- ☐ BRAT
- ☐ HASH