

✔

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1. The \_\_\_\_\_ statement is called a query, and the output we get from executing the query is called a result set.

1 / 1 point

- ☐

 ALTER
- ☐

 DROP DATABASE
- ☐

 CREATE TABLE
- ☒

 SELECT

✔ Correct

2. Which of the following SQL statements will delete the students with the last name Smith?

1 / 1 point

- ☒

 DELETE FROM STUDENTS WHERE LAST\_NAME = 'Smith'
- ☐

 DELETE FROM TEACHERS WHERE LAST\_NAME = 'Smith'
- ☐

 DELETE FROM STUDENTS WHERE LAST\_NAME FROM 'Smith'
- ☐

 DELETE 'Smith' FROM STUDENTS

✔ Correct

3. The primary key of \_\_\_\_\_ uniquely identifies each row in a table.

1 / 1 point

- ☒

 A relational table
- ☐

 A name
- ☐

 A customer
- ☐

 A database

✔ Correct

4. What are the basic categories of the SQL language based on functionality?

1 / 1 point

- ☐

 Data Manipulation Language
- ☐

 None of the above
- ☒

 Both of the above
- ☐

 Data Definition Language

✔ Correct

5. When querying a table called Author that contains a list of authors and their city of residence, which of the following queries will return the number of authors from each city?

1 / 1 point

- ☒

 SELECT City, count(City) FROM Author GROUP BY City
- ☐

 SELECT City, count(City) FROM Author
- ☐

 SELECT distinct(City) FROM Author
- ☐

 SELECT City, distinct(City) FROM Author GROUP BY City

✔ Correct

6. You want to retrieve a list of cities in a state that have between 10,000 and 20,000 residents. Which clause would you add to the following SQL statement: **SELECT City, Residents FROMState**

1 / 1 point

- ☒

 WHERE Residents BETWEEN 10000 AND 20000
- ☐

 WHERE Residents 10000 – 20000
- ☐

 WHERE Residents ARE BETWEEN 10000 AND 20000
- ☐

 WHERE Residents IN (10000, 20000)

✔ Correct

7. Which of the following will retrieve the LOWEST value of SALARY in a table called EMPLOYEES?

1 / 1 point

- ☐

 SELECT LOWEST(SALARY) FROM EMPLOYER
- ☐

 SELECT SALARY FROM EMPLOYEES WHERE MINIMUM(SALARY) = SALARY
- ☐

 SELECT MAX(SALARY) FROM EMPLOYEES
- ☒

 SELECT MIN(SALARY) FROM EMPLOYEES

✔ Correct

8. Which of the following queries will retrieve the PRODUCT NAME that has the highest price?

1 / 1 point

- ☐

 SELECT MAX(UNIT\_PRICE) FROM PRODUCTS
- ☐

 SELECT PRODUCT\_NAME FROM PRODUCTS WHERE UNIT\_PRICE = MAX
- ☒

 SELECT PRODUCT\_NAME FROM PRODUCTS WHERE UNIT\_PRICE = (SELECT MAX(UNIT\_PRICE) FROM PRODUCTS)
- ☐

 SELECT PRODUCT\_NAME FROM PRODUCTS WHERE UNIT\_PRICE IS HIGHEST

✔ Correct

9. A database cursor is a control structure that enables traversal over the records in a database. (T/F)

1 / 1 point

- ☐

 False
- ☒

 True

✔ Correct

10. To query data from tables in database a connection to the database needs to be established. Which of the following is required to establish a connection with a relational database from a Python notebook?

1 / 1 point

- ☐

 A SQL or Database API
- ☐

 Database Name
- ☒

 All of the above
- ☐

 Username and Password

✔ Correct