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1. True or False: The SELECT statement is called a query, and the output we get from executing the query is called a result set.

1 / 1 point

- ☐ False
☒ True

✓ 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 STUDENTS WHERE LAST_NAME FROM 'Smith'
☐ DELETE 'Smith' FROM STUDENTS
☐ DELETE FROM TEACHERS WHERE LAST_NAME = 'Smith'

✓ Correct

3. What uniquely identifies each row in a table?

1 / 1 point

- ☐ The secondary key of a relational table
☐ The textual data
☐ The columns
☒ The primary key of a relational table

✓ Correct

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

1 / 1 point

- ☐ None of the above
☐ Data Manipulation Language
☐ Data Definition Language
☒ Both of the above

✓ Correct

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

1 / 1 point

- ☐ SELECT Distinct(Country) FROM Author
☐ SELECT Country, count(Country) FROM Author
☒ SELECT Country, count(Country) FROM Author GROUP BY Country
☐ SELECT Country, distinct(Country) FROM Author GROUP BY Country

✓ Correct

6. You want to retrieve a list of employees by first name and last name for a company that were hired after January 1, 2020. Which clause would you add to the following SQL statement: **SELECT First_Name, Last_Name, Hiredate FROM Company**

1 / 1 point

- ☒ WHERE Hiredate > '01-01-2020'
☐ WHERE Hiredate < '01-01-2020'
☐ WHERE Hiredate = '01-01-2020'
☐ IF Hiredate > '01-01-2020'

✓ Correct

7. Which of the following queries will retrieve the LOWEST value of PRICE in a table called PRODUCTS?

1 / 1 point

- ☐ SELECT LEAST(PRICE) FROM PRODUCTS
☐ SELECT MAX(PRICE) FROM PRODUCTS
☒ SELECT MIN(PRICE) FROM PRODUCTS

☐ SELECT LOWEST(PRICE) FROM PRODUCTS

✓ Correct



8. Which of the following queries will retrieve the last name of the employee who earns the lowest salary?

1 / 1 point

- ☒ SELECT LAST_NAME FROM EMPLOYEES WHERE SALARY =
(SELECT MIN(SALARY) FROM EMPLOYEES)
- ☐ SELECT MIN(SALARY) FROM EMPLOYEES
- ☐ SELECT FIRST_NAME FROM EMPLOYEES WHERE SALARY IS LOWEST
- ☐ SELECT LAST_NAME, MIN(SALARY) FROM EMPLOYEES GROUP BY F_NAME

✓ Correct

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

1 / 1 point

- ☒ True
- ☐ False

✓ Correct



10. To query data from tables in database a connection to the database needs to be established. Which of the following is NOT required to establish a connection with a relational database from a Python notebook?

1 / 1 point

- ☐ Database Name
- ☐ Hostname or IP address
- ☒ Table name
- ☐ Username and Password

✓ Correct