

✔ Congratulations! You passed!

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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

☒ True

☐ False

✔ Correct
2. Which of the following SQL statements will delete the customers where the Country is Italy?

1 / 1 point

☒ DELETE FROM CUSTOMERS WHERE COUNTRY = 'ITALY'

☐ DELETE COUNTRY 'ITALY' FROM CUSTOMERS

☐ DELETE FROM CUSTOMERS WHERE COUNTRY IS 'ITALY'

☐ DELETE 'ITALY' FROM CUSTOMERS

✔ Correct
3. What does the primary key of a relational table do?

0 / 1 point

☐ The primary key uniquely identifies each attribute in a table.

☐ The primary key uniquely identifies each row in a table.

☐ The primary key uniquely identifies each relation in a table.

☒ The primary key uniquely identifies each column in a table.

✘ Incorrect
4. Data Definition Language (DDL) and Data Manipulation Language (DML) are what?

1 / 1 point

☒ The basic categories of the SQL language based on functionality.

☐ The basic categories for providing security to databases.

☐ The basic categories for managing data.

☐ The basic categories of the PYTHON language based on functionality.

✔ 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 Country, count(Country) FROM Author

☐ SELECT Country, distinct(Country) FROM Author GROUP BY Country

☒ SELECT Country, count(Country) FROM Author GROUP BY Country

☐ SELECT Distinct(Country) FROM Author

✔ 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'

☐ IF Hiredate > '01-01-2020'

☒ WHERE Hiredate > '01-01-2020'

✔ 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 MAX(SALARY) FROM EMPLOYEES

☒ SELECT MIN(SALARY) FROM EMPLOYEES

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

✔ 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 FIRST_NAME FROM EMPLOYEES WHERE SALARY IS LOWEST

☐ SELECT LAST_NAME, MIN(SALARY) FROM EMPLOYEES GROUP BY F_NAME

☐ SELECT MIN(SALARY) FROM EMPLOYEES

✔ Correct
9. A database cursor is a control structure that;

1 / 1 point

☐ Does not allow communication with a database

☒ Enables traversal over the records in a database

☐ Does not allow you to create tables

☐ Does not allow you to update records within a database

✔ 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?

0 / 1 point

☐ Table and Column namesD: A Hostname and Port number

☒ Username, Password, and Database name

☐ An SQL or Database API

✘ Incorrect