Final Exam

Latest Submission Grade 90%

1.
Question 1

The SELECT statement is called a query, and the output we get from executing the query is called what?

1 / 1 point

○

The index

◉

A results set

○

The table

○

The database

Correct

2.
Question 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.
Question 3

The primary key of _____ uniquely identifies each row in a table.

1 / 1 point

○

A name

◉

A relational table

O

A database

O

A customer

4.

Question 4

The basic categories of the SQL language based on functionality are Data Definition Language (DDL) and

_____.

1 / 1 point

O

Data Input Language (DIL)

O

Data Update Language (DUL)

⦿

Data Manipulation Language (DML)

O

Data Entry Language (DEL)

5.

Question 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?

0 / 1 point

O

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

⦿

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

O

SELECT distinct(City) FROM Author

O

SELECT City, count(City) FROM Author

6.

Question 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:

SELECTFirst_Name,Last_Name,Hiredate FROM Company

1 / 1 point

○ WHERE Hiredate < '01-01-2020'

○ IF Hiredate > '01-01-2020'

◉ WHERE Hiredate > '01-01-2020'

○ WHERE Hiredate = '01-01-2020'

Correct

7.
Question 7

Which of the following queries will retrieve the HIGHEST value of SALARY in a table called EMPLOYEES?

1 / 1 point

○ SELECT SALARY FROM EMPLOYEES WHERE MAX

○ SELECT MIN(SALARY) FROM EMPLOYER

○ SELECT MOST(SALARY) FROM EMPLOYEES

◉ SELECT MAX(SALARY) FROM EMPLOYEES

Correct

8.
Question 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, MIN(SALARY) FROM EMPLOYEES GROUP BY F_NAME

○ SELECT FIRST_NAME FROM EMPLOYEES WHERE SALARY IS LOWEST

◉ SELECT LAST_NAME FROM EMPLOYEES WHERE SALARY =

(SELECT MIN(SALARY) FROM EMPLOYEES)

○

SELECT MIN(SALARY) FROM EMPLOYEES

Correct

9.
Question 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.
Question 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

○

Username and Password

◉

All of the above

Correct