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Final Exam

Graded Quiz • 30 min

Due Nov 1, 12:29 PM +0530

Final Exam

Latest Submission Grade 80%

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

1 / 1 point

☐ Operator

☐ Function

☒ Query

☐ Table name

✓ Correct

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

1 / 1 point

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☐ Table name

☒ 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 FROM TEACHERS WHERE LAST_NAME = 'Smith'

☐ DELETE 'Smith' FROM STUDENTS

☒ Correct

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Correct

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

0 / 1 point

- ☐ The primary key uniquely identifies each column in a table.
- ☐ The primary key uniquely identifies each row in a table.
- ☐ The primary key uniquely identifies each attribute in a table.
- ☒ The primary key uniquely identifies each relation in a table.



Incorrect

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

1 / 1 point

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- ☒ The primary key uniquely identifies each relation in a table.

 **Incorrect**

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

1 / 1 point

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

 **Correct**

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

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



Correct

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

1 / 1 point

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

1 / 1 point

☐ SELECT PRODUCT_NAME FROM PRODUCTS WHERE UNIT_PRICE IS LOWEST



✓ Correct

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

1 / 1 point

- ☐ SELECT PRODUCT_NAME FROM PRODUCTS WHERE UNIT_PRICE IS LOWEST
- ☒ SELECT PRODUCT_NAME FROM PRODUCTS WHERE UNIT_PRICE = (SELECT MIN(UNIT_PRICE) FROM PRODUCTS)
- ☐ SELECT PRODUCT_NAME FROM PRODUCTS WHERE UNIT_PRICE = MIN
- ☐ SELECT MIN(UNIT_PRICE) FROM PRODUCTS

✓ Correct

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☐ SELECT MIN(UNIT_PRICE) FROM PRODUCTS

☒ **Correct**

9. A _____ is a control structure that enables traversal over the records in a database.

1 / 1 point

☐ Connection

☒ Database cursor

☐ Primary key

☐ Import

☒ **Correct**

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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?

0 / 1 point☐ Database name☐ Table Name☒ Row names☐ Column names**Incorrect**