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Single-Table SQL

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Single-Table SQL

TOTAL POINTS 11

1. Structured Query Language (SQL) is used to (check all that apply)

1 point

- ☒ Create a table
- ☐ Check Python code for errors
- ☒ Insert data
- ☒ Delete data

2. Which of these is the right syntax to make a new table?

1 point

- ☐ MAKE people;
- ☐ MAKE DATASET people;
- ☒ CREATE TABLE people;
- ☐ CREATE people;

3. Which SQL command is used to insert a new row into a table?

1 point

- ☐ ADD ROW
- ☐ INSERT ROW
- ☒ INSERT INTO
- ☐ INSERT AFTER

4. Which command is used to retrieve all records from a table?

1 point

- ☐ RETRIEVE all FROM User
- ☐ RETRIEVE * FROM Users
- ☐ SELECT all FROM Users
- ☒ SELECT * FROM Users

5. Which keyword will cause the results of the query to be displayed in sorted order?

1 point

- ☐ GROUP BY
- ☒ ORDER BY
- ☐ WHERE
- ☐ None of these

6. In database terminology, another word for table is

1 point

- ☐ row
- ☐ field
- ☒ relation
- ☐ attribute

7. In a typical online production environment, who has direct access to the production database?

1 point

- ☐ Project Manager
- ☐ UI/UX Designer
- ☒ Database Administrator
- ☐ Developer

8. Which of the following is the database software used in this class?

1 point

- ☐ SQL Server
- ☐ MySQL
- ☒ SQLite
- ☐ Oracle
- ☐ Postgres

9. What happens if a DELETE command is run on a table without a WHERE clause?

1 point

- ☐ All the rows without a primary key will be deleted
- ☐ The first row of the table will be deleted
- ☐ It is a syntax error
- ☒ All the rows in the table are deleted

10. Which of the following commands would update a column named "name" in a table named "Users"?

1 point

- ☒ UPDATE Users SET name='new name' WHERE ...
- ☐ UPDATE Users (name) VALUES ('new name') WHERE ...
- ☐ Users->name = 'new name' WHERE ...
- ☐ Users.name='new name' WHERE ...

11. What does this SQL command do?

1 point

| | | |
|---|----------------------------|--|
| 1 | SELECT COUNT(*) FROM Users | |
| | | |
| | | |

Hint: This is not from the lecture

- ☐ It adds a COUNT column to the Users table
- ☐ It is a syntax error
- ☐ It only retrieves the rows of Users if there are at least two rows
- ☒ It counts the rows in the table Users