

# Relational DB Concepts and Tables

1. Which of the following statements about a database is/are correct?

1 / 1 point

- ☒ A database is a logically coherent collection of data with some inherent meaning
- ☐ Data can only be added and queried from a database but not modified.
- ☐ Only SQL can be used to query data in a database.
- ☐ All of the above

✓ Correct

Correct! A database is a repository or logically coherent collection of data with some inherent meaning

2. Attributes of an entity become \_\_\_\_\_ in a table.

1 / 1 point

- ☐ rows
- ☒ columns
- ☐ constraints
- ☐ keys

✓ Correct

Correct! Attributes of an entity become columns in a table.

3. The CREATE TABLE statement is a \_\_\_\_\_.

1 / 1 point

- ☐ DML statement
- ☒ DDL statement
- ☐ DQL statement
- ☐ All of the above

✓ Correct

Correct! The CREATE TABLE statement defines a table, so it is a DDL statement.

4. Which command is used for removing a table and all its data from the database?

1 / 1 point

- ☐ CREATE command
- ☐ TRUNCATE table command
- ☐ ALTER table command
- ☒ DROP table command

✓ Correct

Correct! Drop command deletes the entire table along with its contents from the database.

5. What would be the correct syntax to add a column 'ID' that contains 7 character alpha-numeric values to a database table 'Employees' using MySQL?

1 / 1 point

- ☒ ALTER TABLE Employees ADD ID char(7)
- ☐ ALTER Employees TABLE ADD ID char
- ☐ ALTER Employees ADD COLUMN ID varchar(7)
- ☐ ALTER TABLE COLUMN Employees ID char(7)

 **Correct**

Correct! This is the appropriate syntax for the said task