1.

Question 1

An operation within a series of related queries in your MySQL database has failed. However, you can restore the database to its original state using transaction statements.

1 / 1 point

False

True

Correct

Correct! You can use MySQL Transaction statements to restore s database to its original state if an operation fails to execute as required.

2.

Question 2

Which of the following statements should you use to start a transaction in MySQL? Select all that apply.

1 / 1 point

BEGIN WORK

Correct

Correct! You can use a BEGIN WORK command to start a transaction in MySQL.

START TRANSACTION

Correct

Correct! You can use a START TRANSACTION command to start a transaction in MySQL.

BEGIN

Correct

Correct! You can use a BEGIN command to start a transaction in MySQL.

3.

Question 3

You need to cancel all updates made to the database by the MySQL transaction that you just executed. What command name can you use to reverse these updates?

1 / 1 point

ROLLBACK

Correct

Correct! The ROLLBACK command cancels all modifications made by the current transaction in MySQL.

4.

Question 4

Which of the following optimization techniques can you use to simplify complex SQL queries and make them easier to read and maintain?

1 / 1 point

Prepared statements

JSON datatype

Common table expressions

Indexes

Correct

Correct! Common table expressions simplify complex SQL queries and make them easier to read and maintain.

5.

Question 5

The PREPARE statement is used in MySQL to execute the same statement repeatedly safely and efficiently.

1 / 1 point

False

True

Correct

Correct! The PREPARE statement is an optimization technique used in MySQL to execute the same statement repeatedly safely and efficiently.

6.

Question 6

MySQL can be combined with JSON. What type of data format is used in JSON?

1 / 1 point

Text

Numeric

Date and time

Boolean

Correct

Correct! JSON represents structured data based on JavaScript object syntax that uses standard text-based format.