1.

Question 1

Which of the following techniques, or methods, can you use to perform a critical data analysis? Select all that apply.

1 / 1 point

JOINs

Correct

Correct! The use of JOINs is essential when analyzing data from multiple tables.

Common table expressions

Subqueries

Correct

Correct! The Subquery technique is very helpful when performing data analysis.

Views

Correct

Correct! Views are very helpful when performing data analysis.

2.

Question 2

The CREATE VIEW statement is used to build a virtual table focused on specific information, which makes it easier for MySQL users to perform data analysis.

1 / 1 point

True

False

Correct

Correct! You can use MySQL VIEW to create a virtual table from existing data in the database to focus on a particular set of information.

3.

Question 3

You are querying two tables and must return all matching records in either the left or right tables. What type of JOIN can you use to return these records?

1 / 1 point

RIGHT JOIN

LEFT JOIN

INNER JOIN

FULL OUTER JOIN

Correct

Correct! The FULL OUTER JOIN returns all records when there is a match in the left or the right table.

4.

Question 4

You can emulate a FULL OUTER JOIN in MySQL using which of the following JOIN and operator combinations? Select all that apply.

1 / 1 point

LEFT JOIN, UNION ALL and RIGHT JOIN.

Correct

Correct. You can emulate a FULL OUTER JOIN in MySQL using the LEFT JOIN, UNION ALL and RIGHT JOIN.

INNER JOIN, UNION and RIGHT JOIN.

INNER JOIN, UNION and LEFT JOIN.

LEFT JOIN, UNION and RIGHT JOIN.

Correct

Correct. You can emulate a FULL OUTER JOIN in MySQL using the LEFT JOIN, UNION and RIGHT JOIN.

5.

Question 5

Lucky Shrub can identify all products that sold 10 items or more by using the following query, which contains another query within it. What kind of query is this syntax an example of?

SELECT ProductID FROM Products WHERE ProductID = ANY (SELECT ProductID FROM Orders WHERE Quantity >= 10);

1 / 1 point

Subquery

Correct

Correct! This is an example of a subquery. A subquery is a useful method of data analysis.