1.

Question 1

True or false: MySQL Workbench simplifies database design and data management.

1 / 1 point

True

False

Correct

Correct! MySQL Workbench simplifies database design and data management.

2.

Question 2

Which of the following tasks can you carry out in MySQL Workbench? Select all that apply.

1 / 1 point

Create an instance MySQL server.

Correct

Correct! In MySQL Workbench, you can create an instance MySQL server.

Grant and revoke user privileges.

Correct

Correct! In MySQL Workbench, you can grant and revoke user privileges.

Use the SQL editor to write SQL statements.

Correct

Correct! In MySQL Workbench, you can use the SQL editor to write SQL statements.

Create and drop database schemas without manually writing SQL code.

Correct

Correct! In MySQL Workbench, you can create and drop database schemas without manually writing SQL statements.

3.

Question 3

To develop a database in MySQL Workbench you must set up a MySQL \_\_\_\_\_\_\_\_\_\_ server first.

1 / 1 point

instance

Correct

Correct! To develop a database in MySQL Workbench you must set up a MySQL instance server first.

4.

Question 4

In relational databases, which issues does database normalization address?

1 / 1 point

Data redundancy

Correct

Correct! Normalization addresses data redundancy issue.

Data update anomaly

Correct

Correct! Normalization addresses data update anomaly.

Data deletion anomaly

Correct

Correct! Normalization addresses data deletion anomaly.

Data insertion anomaly

Correct

Correct! Normalization addresses data insertion anomaly.

5.

Question 5

What features does the Git version control system offer? Select all that apply.

1 / 1 point

You can use it to write code.

It can be used to share code.

Correct

Correct! Git allows you to share code with other developers.

It’s open-source software.

Correct

Correct! Git is an open-source software.

You can use it to manage source code history.

Correct

Correct! Git is designed to manage source code history.

6.

Question 6

True or false: Git enables branching to facilitate version control for software developers.

1 / 1 point

True

False

Correct

Correct! To facilitate version control for software developers, Git enables branching.

7.

Question 7

GitHub is a hosting service for software development, and it facilitates version control using \_\_\_\_\_\_\_.

1 / 1 point

git

Correct

Correct! GitHub is a hosting service for software development and version control using Git.

8.

Question 8

Which of the following features are supported in GitHub? Select all that apply.

1 / 1 point

Bug tracking

Correct

Correct! GitHub supports bug tracking.

Task management

Correct

Correct! GitHub supports task management.

Version control

Correct

Correct! GitHub supports version control.

Access control

Correct

Correct! GitHub supports access control.

9.

Question 9

True or false: SQL is the standard query language for accessing and manipulating relational databases.

1 / 1 point

True

False

Correct

Correct! SQL is the standard query language for accessing and manipulating relational databases.

10.

Question 10

With Git branching, it is possible for each member of the project team to have a \_\_\_\_\_\_\_\_ instance of the project on their machine.

1 / 1 point

local

Correct

Correct! With Git branching it is possible for each member of the project team to have a local instance on their machine.