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Question 1

Correct

Marked out of 1.00

Which of the following statements about database management tools is/are correct?

- ☐ a. DataGrip is a web-based tool
- ☒ b. MySQL Workbench is a fat-client ✓
- ☐ c. MySQL Workbench is a web-based tool
- ☒ d. DataGrip is a fat-client ✓
- ☒ e. pgAdmin is a web-based tool ✓

Question 2

Correct

Marked out of 1.00

The basic operations of persistent storage are often abbreviated as:

- ☐ a. GEAR
- ☒ b. CRUD ✓
- ☐ c. ROOT
- ☐ d. GROOVE
- ☐ e. MOOD

Question 3

Correct

Marked out of 1.00

Which of the following need(s) to be defined in order to establish a connection/install a database?

- ☐ a. C# compiler
- ☐ b. IDE
- ☐ c. GIT repository
- ☒ d. Port ✓
- ☒ e. Host ✓

Question 4

Correct

Marked out of 1.00

Which of the following statements about SQL Injection is/are correct?

- ☒ a. SQL injection usually occurs when you ask a user for input, like their username/userid, and instead of a name/id, the user gives you an SQL statement that you will unknowingly run on your database ✓
- ☒ b. SQL injection is the placement of malicious code in SQL statements, via input ✓
- ☒ c. Possible consequences of SQL injection are: secure data leaks, secure data is changed, executing statements in app-context removes the need of a password, user data can be manipulated (password-change) ✓
- ☐ d. SQL injection is a technique in C# to use native MySQL language inside of code

Question 5

Correct

Marked out of 1.00

Which of the following commands is used for showing databases in PostgreSQL?

- ☐ a. `$sql->showDatabases();`
- ☐ b. `\q`
- ☐ c. `\dt`
- ☒ d. `\l+` ✓