

1. What is the most used database type in computing?

1 / 1 point

- ☐ NoSQL Database
- ☒ Relational Database
- ☐ Flat File Database



Correct

Correct! Relational databases are the most popular type of databases because of their simplicity, robustness and scalability.

2. Which one of the following is an advantage of storing data in tables?

1 / 1 point

- ☐ Tables offer the ability to encrypt data.
- ☐ Tables let you store large amounts of data.
- ☒ Tables provide a simple and clear view of data



Correct

Correct! Tables are a very good technique to organize data as it provides a simple and clear view of data in the database.

3. In a bookshop database, the complete information about one specific book is referred to as a _____.

1 / 1 point

- ☐ Table
- ☐ Column
- ☒ Record



Correct

Correct! In a bookshop database, a record of data contains all available information about a specific book.

4. What makes SQL a very popular database language? Select all that apply.

1 / 1 point

☒ SQL requires very little coding skills to use.

☒ **Correct**

Correct! SQL requires less coding skill in comparison with other programming languages.

☒ SQL works with different relational database management systems.

☒ **Correct**

Correct. SQL can be used with different relational database management systems.

☒ SQL is a portable programming language.

☒ **Correct**

Correct. SQL can be used with any laptop or computer that has MySQL installed.

5. Which SQL command is used to update data in a database table?

1 / 1 point

☐ EDIT command

☒ UPDATE command

☐ MODIFY command

☒ **Correct**

Correct! The UPDATE command is used to modify or update data contained within a table in the database.

6. Which of the following database management systems uses the SQL language? Select all that apply.

0 / 1 point

☒ PostgreSQL

✓ **Correct**

Correct. PostgreSQL database management system uses SQL.

☐ Oracle

☒ MySQL

✓ **Correct**

Correct. MySQL database management system uses SQL.

You didn't select all the correct answers

7. What is the importance of a candidate key in a database?

1 / 1 point

☒ A candidate key can be used to uniquely identify rows in a table.

☐ A candidate key can be used to encrypt data in a table.

☐ A candidate key can be used to drop a table.

✓ **Correct**

Correct! A candidate key is a column that contains unique value in each row of the table, which makes it suitable to be chosen as a primary key.

8. In the following student table, which attribute could be used as a primary key?

1 / 1 point

| Student first name | Student last name | Mobile number |
|--------------------|-------------------|---------------|
| Carl | Merlo | 07445532123 |
| Mark | Nero | 07456532327 |

- ☐ Student last name
- ☒ Mobile number
- ☐ Student first name

✓ Correct

Correct! Since the mobile phone number is unique for each student, then it can be chosen as primary key.

9. 'CREATE TABLE student;' is the right syntax to create a student table in SQL.

1 / 1 point

- ☒ True
- ☐ False

✓ Correct

Correct! This is the right way to create a student table in SQL.

10. Choose the right syntax to create a club database in SQL. Select all correct answers.

1 / 1 point

☒ create database club;

✓ Correct

Correct! You can use small letters as SQL is not a case sensitive language, however, the convention is to use capital letters for the SQL commands and keywords.

☐ CREATE CLUB DATABASE;

☒ CREATE DATABASE CLUB;

✓ Correct

Correct! You can use capital letters as SQL is not a case sensitive language.

☐ create club database;