

Database Quiz

Due Sep 7 at 11:59pm **Points** 100 **Questions** 5
Available Sep 7 at 5pm - Sep 7 at 11:59pm 6 hours and 59 minutes
Time Limit 60 Minutes

Instructions

This quiz covers information from Topics 2 and 3, covering both relational and non-relational databases. This quiz is on-line through Canvas, and is open notes, but is closed internet, closed collaboration, closed social media. Do not share the questions or the answers with other people.

You can take this quiz at any time you would like, but it must be completed by the due date. You have one opportunity to take the quiz, and once you begin, you have one hour to complete it. However, I expect this should take 15 minutes or less.

Attempt History

	Attempt	Time	Score
LATEST	Attempt 1	9 minutes	90 out of 100

Score for this quiz: **90** out of 100

Submitted Sep 7 at 5:41pm

This attempt took 9 minutes.

Correct!

Question 1

10 / 20 pts

What are the four basic database operations that can be performed by many of the database systems (pick the four best answers)?

- ☒ Update
- ☐ Reverse
- ☐ Transpose

Correct!☒ Insert☐ Flip**Correct Answer**☐ Select**You Answered**☒ Print**Correct!**☒ Delete☐ Sum☐ Sort**Question 2****20 / 20 pts**

Comparing a SQL database to an object-oriented program, which element of a database corresponds to which element of programming? Note: Not all of the values in the right column will be used.

Correct!**Table**

Class

**Correct!****Row**

Instance

**Correct!****Column**

Attribute



Other Incorrect Match Options:

- Operator
- Constructor
- Method

Question 3**20 / 20 pts**

In a relational database (SQL), usually each table requires one column that uniquely identifies that row. The column is called the foreign key.

☐ True☒ False**Correct!****Question 4****20 / 20 pts**

The four major types of noSQL database are: (pick four of the following)

☒ Key-Value☐ Relation☐ Cluster☒ Column☒ Graph☒ Document**Correct!****Correct!****Correct!****Correct!****Question 5****20 / 20 pts**

Comparing SQL and noSQL databases, which of the following are more likely true of the noSQL database (check all that apply):

☒ Uses simpler hardware**Correct!**

Correct!☒ Built-in support for hierarchical data☐ Uses a standardized API**Correct!**☒ Is a distributed database, on multiple computers in a cluster☐ Has a larger user community☐ Provides greater assurance of data integrity**Correct!**☒

Easier to scale, to increase the size of the database as the dataset grows

☐ Provides greater securityQuiz Score: **90** out of 100