

✓ **Congratulations! You passed!**
TO PASS 80% or higher

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GRADE
93.33%

Week 1 Graded Quiz

LATEST SUBMISSION GRADE

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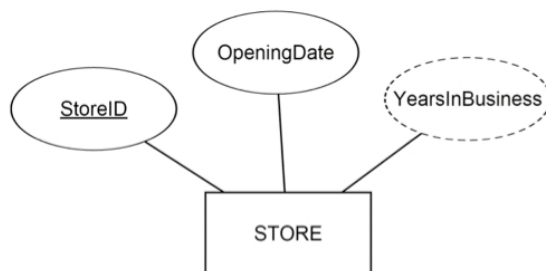
1. Relational databases are based on which mathematical theory or field?

1 / 1 point

✓ Correct

2.

1 / 1 point

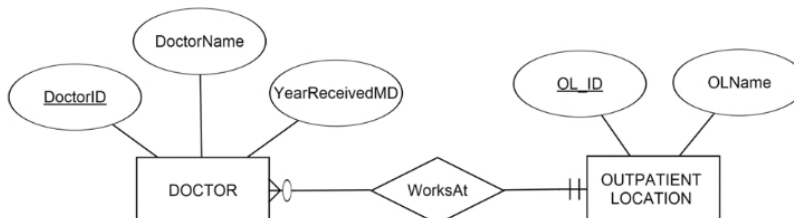


YearsInBusiness in the ER diagram above is a:

✓ Correct

3.

1 / 1 point

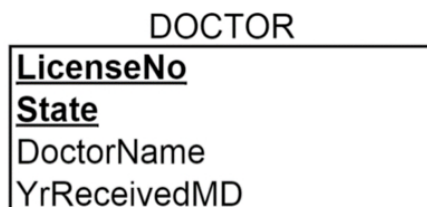


Which of the following is true about cardinality constraints on the relationship between Doctor and Outpatient Location depicted in this ER diagram?

✓ Correct

4.

1 / 1 point



Which columns would be necessary for identifying unique doctors in the doctor table of the database built from

the relational schema excerpt above?

✓ Correct

5.

1 / 1 point



In the ER diagram above, Doctor_ID and OL_ID are called:

✓ Correct

6. Which type of information is most likely to be stored in a relational database as opposed to another type of database?

1 / 1 point

✓ Correct

7.

1 / 1 point

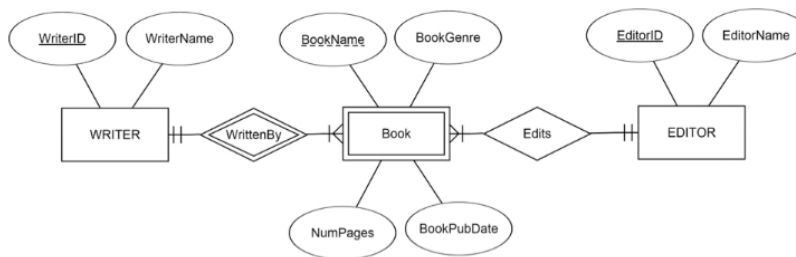


What can you infer about the data being collected based on the relational schema above?

✓ Correct

8.

1 / 1 point



Based on the diagram above, which attribute(s) can be used to identify unique books?

✓ Correct

9. Which of the following statements are true about foreign keys? Check all that apply. (Note that you will need to select more than one correct response to answer this question correctly.)

1 / 1 point

✓ Correct

10.

1 / 1 point



Given the relational schema presented above, how many tables would you need to use in order to determine the outpatient location(s) a doctor named "Karen Smith" works at?

✓ Correct

11.

1 / 1 point



Which of the following is true about cardinality constraints on the relationship between Doctor and Outpatient Location depicted in this ER diagram?

✓ Correct

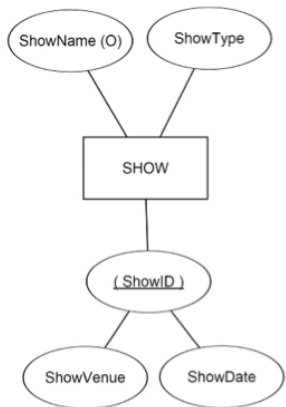
12. Which of the following statements are true about **the technical terms** (as opposed to the common terms) for the concepts represented by relational schemas?

1 / 1 point

✓ Correct

13.

1 / 1 point

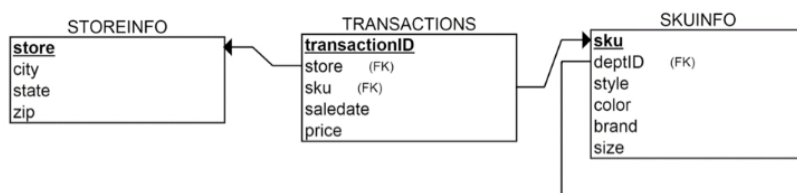


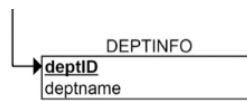
Based on the diagram above, which of the following is true?

✓ Correct

14.

1 / 1 point





If this relational schema represented a database that was already implemented, what columns would you use to combine the information in the transactions table with the information in the departinfo table?

✓ Correct

15. For relational databases to work most efficiently, which of the following requirements of set theory should be followed? Check all that apply. (Note that you will need to select more than one correct response to answer this question correctly.)

0 / 1 point

! Incorrect