



Congratulations! You passed!

TO PASS 60% or higher

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GRADE

100%

Optional Not Graded Quiz on Constraints

TOTAL POINTS 4

1. Which Relational Constraint prevents duplicate rows in a table?

1 / 1 point

- ☐ Check constraint
- ☐ Semantic Integrity Constraint
- ☒ Entity Integrity constraint
- ☐ All of the above



Correct

Correct. A primary key uniquely identifies each row in a table. The Entity Integrity Constraint does not allow for Primary key to have NULL or duplicate values. If primary keys could have NULL values, you could end up with duplicate rows in a table.

2. Which Relational Constraint ensures the validity of the data using a combination of Primary Keys and Foreign Keys.

1 / 1 point

- ☐ Semantic Integrity Constraint
- ☒ Referential Integrity Constraint
- ☐ Domain Constraint
- ☐ None of the above



Correct

Correct!

3. Which of the following statement(s) are correct about **primary** keys?

1 / 1 point

- ☒ The value of the Primary Key must be unique for each instance of the entity.



Correct

This statement is true. If you only selected this response, note that one or more of the other responses are also correct.

- ☒ The Primary Key is immutable.i.e., once created the value of the Primary Key cannot be changed.



Correct

This statement is true. If you only selected this response, note that one or more of the other responses are also correct.

- ☒ Primary keys can not have missing values (or NULL) values.



Correct

This statement is true. If you only selected this response, note that one or more of the other responses are also correct.

- ☐ None of the above.

4. Which of the following statements is true?

1 / 1 point

- ☐ A Foreign Key uniquely identifies each row in a dependent table
- ☒ A Foreign Key refers to a primary key of another table
- ☐ A table can have either a primary key or a foreign key, but not both
- ☐ None of the above



Correct

Correct! A foreign key is a column or set of columns referring to a primary key of another table.