

10 Lecture - CS403

Important Mcqs

1. **In a relationship between two tables, which table holds the primary key?**

- a) Child table
- b) Parent table
- c) Both tables hold the primary key

Answer: b) Parent table

What is the purpose of roles in relationships?

- a) To determine the size of the tables
- b) To ensure proper establishment and management of relationships
- c) To ensure data is organized alphabetically

Answer: b) To ensure proper establishment and management of relationships

In a customer-order database, which table is the parent table?

- a) Order table
- b) Customer table
- c) Both tables are parent tables

Answer: b) Customer table

What is the role of the child table in a relationship?

- a) Hold the primary key
- b) Hold the foreign key that references the primary key in the parent table
- c) Both a and b

Answer: b) Hold the foreign key that references the primary key in the parent table

Which of the following is an example of a role in a relationship?

- a) Customer ID
- b) Order date
- c) Product name

Answer: a) Customer ID

What does understanding roles in relationships help prevent?

- a) Data inconsistencies and errors
- b) Increased performance and scalability
- c) Better data access patterns

Answer: a) Data inconsistencies and errors

Which table in a relationship references the primary key in the parent table?

- a) Child table
- b) Parent table
- c) Both tables reference each other

Answer: a) Child table

Which of the following is a benefit of understanding roles in relationships?

- a) Improved database security

- b) Increased data redundancy
- c) Improved data integrity and consistency

Answer: c) Improved data integrity and consistency

In a relationship, what is the purpose of the foreign key?

- a) To reference the primary key in the parent table
- b) To hold the primary key in the child table
- c) To hold additional data related to the relationship

Answer: a) To reference the primary key in the parent table

How does understanding roles in relationships help with database design?

- a) It helps ensure proper establishment and management of relationships
- b) It determines the data access patterns
- c) It helps with database backups and restores

Answer: a) It helps ensure proper establishment and management of relationships