

Review questions Chapter 3 Relational Model

1. Define the following terms as they apply to the relational model of data:
domain, attribute, n-tuple, relation schema, relation state, relational database schema and relational database state.
2. Why are duplicate tuples not allowed in a relation?
3. Draw a table with informal and formal definitions about Relations.
4. There are three main types of constraints. Can you explain them?
5. Discuss the entity integrity and referential integrity constraints.
6. What constraints may be violated by INSERT, DELETE and UPDATE a relation?