

Chapter 7a

1. What are the phases of a database design? How does the design move from an abstract data model to the implementation of the database.
2. What is the ER model? What are the 3 basic concepts of the ER model?
3. What is an entity? An entity set? What uniquely identifies each member of the set?
4. What is a relationship? A relationship set? Can attributes be associated with a relationship set?

5. What are cardinality constraints? What are the possible cardinality constraints??

6. What is a composite attribute? A multi-valued attribute? A derived attribute?

7. What is a weak entity set? What is necessary to uniquely identify a row in a weak entity set?

8. What are the key issues with redundancy?