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?

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?