WEEK 5 ER - p2 – Chapter 6

Self-Check Questions

1. When converting a narrative requirements document into an ERD, which of the following would potentially be converted into an entity type:
   a. Things
   b. Places
   c. Events
   d. All of the above

2. When converting a narrative requirements document into an ERD, which of the following would potentially be converted into relationship type:
   a. Nouns
   b. Verbs and prepositions
   c. Adjectives
   d. Adverbs

3. When converting a narrative requirements document into an ERD,
   a. You can derive relationships but not cardinalities from the narrative
   b. You can derive cardinalities but not relationships from the narratives
   c. You can usually derive both relationships and cardinalities from the narratives, but sometimes they are incomplete
   d. None of the above

4. In data modeling,
   a. More than one alternatives may exist for a user requirement
   b. Additional information from user is usually needed in order to evaluate alternatives
   c. The process if usually iterative or repetitive
   d. All of the above

5. Redundant relationship in a database design:
   a. Can be derived from other relationship
   b. Cannot be identified by reviewing the ERD
   c. Should always be removed from the database design
   d. None of the above

Discussion Questions

6. How can you reduce the number of relationships in an initial ERD?