WEEK 4. ER – p1 – Chapter 5

Self-Check Questions

1. In the crow’s foot notation, entity types are denoted by:
   a. Crow feet
   b. Boxes
   c. Diamonds
   d. Circles

2. In crow’s foot notation, crow feet with 3 claws represent
   a. Entity types
   b. Relationship type
   c. Maximum cardinality
   d. Maximum cardinality greater than 1

3. Which of following is usually depicted in entity relationship diagrams
   a. Maximum cardinality constraints for relationships
   b. Domain integrity constraints for all attributes
   c. “NOT NULL” integrity constraints associated for all attributes
   d. “UNIQUE” integrity constraints associate for all attributes

4. Which statement is not true regarding inheritance in a generalization hierarchy:
   a. The attributes of a supertype apply to all subtypes
   b. Every subtype entity is also a supertypes entity
   c. Attributes inherited from a supertype are shown in an ERD
   d. All of the above

5. A relationship involving more than two entity types is
   a. A recursive relationship
   b. A binary relationship
   c. A M-way relationship
   d. Is illegal in an entity relationship diagram

Discussion Questions

6. Why is classification important in business?

7. What are the limitations of the diagram rules?