

Review question 1 (chapter 4)

Discuss each of the following concepts in the context of the relational model (10 minutes):

- Relation
- Attribute
- Domain
- Tuple
- Intention and extension (instance)
- Degree and Cardinality

Write down the result of discussion as one explaining sentence for each concept.

Review question 2 (chapter 4)

Discuss the properties of a relation (10 minutes):

Write down the result of discussion as one explaining sentence for each concept.

Review question 3 (chapter 4)

Discuss the differences between the candidate keys and the primary key of a relation.

Explain what is meant by a foreign key. How do foreign keys of relations relate to candidate keys?

Give examples to illustrate your answer.

(15 minutes)

You are expected to write down your example on an overhead and tell about your example afterwards.