

Assignment 2

Due Jul 20 at 11:59pm **Points** 10 **Questions** 10
Available Jul 14 at 12am - Jul 20 at 11:59pm **Time Limit** None
Allowed Attempts Unlimited

Instructions

Assignment 2 is due next Wednesday. It contains similar questions to the following in class exercise.

This quiz was locked Jul 20 at 11:59pm.

Attempt History

	Attempt	Time	Score
LATEST	Attempt 1	20 minutes	10 out of 10

❗ Correct answers are hidden.

Score for this attempt: **10** out of 10

Submitted Jul 18 at 12:20am

This attempt took 20 minutes.

Question 1

1 / 1 pts

Which of the followings is not an essential part of the ER model?

☐ Attributes

☒ Tuples

☐ Relationships

☐ Entities

Question 2**1 / 1 pts**

If a Relationship Type involves 3 entity types and each of them contains 6 entities, what is the degree of it?

☐ 1☐ 18☐ 6☒ 3**Question 3****1 / 1 pts**

Consider the entity type "Planets", "Solar System" and the relationship type "Is in". Judging from these names, the cardinality ratio of "Is in" is most probably

☒ N:1☐ 1:1☐ N:M☐ 1:N**Question 4****1 / 1 pts**

Relationships are represented using _____ in ER Diagrams.

- ☐ Circles
- ☐ Triangles
- ☒ Diamonds
- ☐ Rectangles

Question 5**1 / 1 pts**

Which of the following is **NOT** a unique feature of EER?

- ☐ Relationship inheritance
- ☐ Union type
- ☐ Specialization
- ☒ Participation constraint

Question 6**1 / 1 pts**

Generally speaking, that is without further specific constraint/schema provided, a subclass can have multiple superclasses in the EER model.

- ☒ True
- ☐ False

Question 7**1 / 1 pts**

The process of defining a superclass over a set of subclasses is called _____.

- ☐ Abstraction
- ☐ Extraction
- ☒ Generalization
- ☐ FalseSublimation

Question 8**1 / 1 pts**

Cardinality ratios of relationships can be represented in ER diagram.

- ☒ True
- ☐ False

Question 9**1 / 1 pts**

Entity is a _____

- ☐ Model of relation
- ☐ Present working model
- ☐ Object of relation

- ☒ Thing in real world

Question 10**1 / 1 pts**

Which process is mainly involved in the Bottom-up conceptual synthesis?

- ☐ None of them
- ☒ Generalization
- ☐ Both of them equally
- ☐ Specialization

Quiz Score: **10** out of 10