

Assignment 3

Due Jul 27 at 11:59pm **Points** 10 **Questions** 10
Available Jul 21 at 3pm - Jul 27 at 11:59pm **Time Limit** None
Allowed Attempts Unlimited

Instructions

Assignment 3 is due July 27th

This quiz was locked Jul 27 at 11:59pm.

Attempt History

	Attempt	Time	Score
LATEST	Attempt 1	2 minutes	10 out of 10

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

Submitted Jul 26 at 12:30pm

This attempt took 2 minutes.

Question 1

1 / 1 pts

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

☐ Attributes

☐ Entities

☐ Relationships

☒ Tuples

Correct!

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?

☐ 6☐ 1☐ 18☒ 3**Correct!****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:M☒ N:1☐ 1:1☐ 1:N**Correct!****Question 4****1 / 1 pts**

Relationships are represented using _____ in ER Diagrams.

Correct!

☐ Rectangles

☒ Diamonds

☐ Circles

☐ Triangles

Question 5

1 / 1 pts

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

Correct!

☒ Participation constraint

☐ Relationship inheritance

☐ Union type

☐ Specialization

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.

Correct!

☒ True

☐ False

Question 7**1 / 1 pts**

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

Correct!

☒ Generalization

☐ FalseSublimation

☐ Abstraction

☐ Extraction

Question 8**1 / 1 pts**

Cardinality ratios of relationships can be represented in ER diagram.

Correct!

☒ True

☐ False

Question 9**1 / 1 pts**

Entity is a _____

Correct!

- ☐ Model of relation
- ☐ Present working model
- ☒ Thing in real world
- ☐ Object of relation

Question 10**1 / 1 pts**

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

Correct!

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

Quiz Score: 10 out of 10