

Yan

Gu

yg369

Start

Time:

08:55

End

Time:

09:07

CS527**- Quiz****#2**

Database Certification



1. A(n) _____ is an association among two entity types.

- ☐ attribute type
- ☐ key attribute type
- ☐ aggregation
- ☐ relationship sets
- ☒ relationship type
- ☐ association type



2. A _____ specifies a set of values that may be assigned to an attribute.

- ☐ role
- ☐ relationship
- ☒ domain
- ☐ cardinality
- ☐ constraint
- ☐ unique key



3. _____ is a part of Enhanced Entity Relationship (EER) model but not ER model.

- ☒ aggregation
- ☐ domain
- ☐ entity
- ☐ relationship
- ☐ constraint
- ☐ role



4. Which one is the proper steps in database data model design?

- ☐ Conceptual, Logical, Physical and View
- ☒ Conceptual, Logical, Physical and External
- ☐ Logical, Conceptual, Physical, External
- ☐ External, Physical, Logical, Conceptual
- ☐ Conceptual, Internal, External, Physical
- ☐ Internal, Conceptual, Physical, External



5. _____ specify the minimum or maximum number of relationship instances that an individual entity can participate in.

- ☐ degree
- ☐ role
- ☐ lock
- ☐ key
- ☒ cardinality
- ☐ schema



6. These are all limitations of ER model **EXCEPT**?

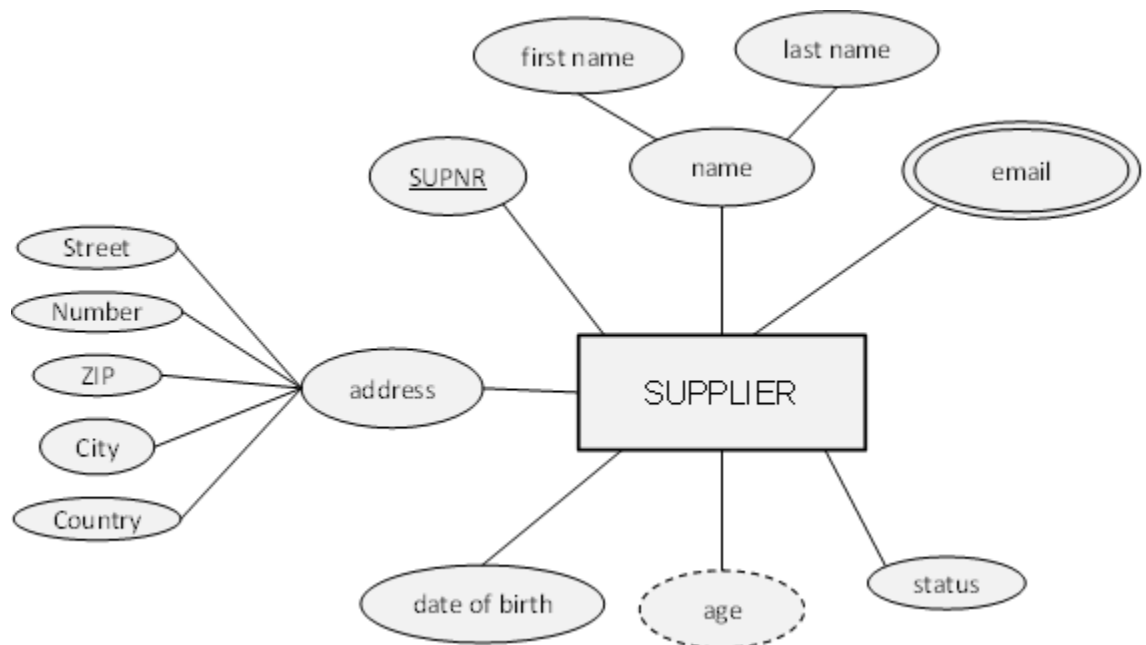
- ☒ ER model cannot model weak entities
- ☐ ER model cannot guarantee the consistency across multiple relationship types
- ☐ Domains are not included in the ER model
- ☐ ER model cannot model temporal constraints

- ☐ Functions are not included in the ER model
- ☐ None of the above



7. A _____ is a rule that forbids duplicate values in one or more columns within an entity and cannot contain NULL values.

- ☐ unique key constraint
- ☐ weak entity constraint
- ☐ foreign key constraint
- ☐ default constraint
- ☐ check constraint
- ☒ primary key constraint



8. _____ is an Entity Type.

- ☐ SUPNR
- ☒ SUPPLIER
- ☐ Age
- ☐ Address
- ☐ Email
- ☐ Status



9. _____ is a Derived Attribute Type.

- ☐ Email
- ☐ SUPNR
- ☐ SUPPLIER
- ☒ Age
- ☐ Address
- ☐ Status



10. _____ is a Key Attribute Type.

- ☒ SUPNR
- ☐ SUPPLIER
- ☐ Age
- ☐ Address
- ☐ Email
- ☐ Status



11. _____ is a Multi-Valued Attribute Type.

- ☐ SUPNR
- ☐ SUPPLIER
- ☐ Age
- ☐ Address
- ☒ Email
- ☐ Status



12. _____ is a Composite Attribute Type.

- ☐ SUPNR
- ☐ SUPPLIER
- ☐ Age
- ☒ Address
- ☐ Email
- ☐ Status



Correct = 12 of
12 (100%)