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Question **1**

Complete

Marked out of 1.00

The “Requirements Collection and Analysis” phase of database design gives the Data Requirements. These Data Requirements –

Select one or more:

- ☐ a. None of the others
- ☒ b. Can always be mapped to an ER Model
- ☒ c. Always generates (gives/maps to) only one ER Model
- ☐ d. Includes the retrievals and updates applied to the database
- ☒ e. Specifies the key attributes of strong entity types

Question **2**

Complete

Marked out of 1.00

An ER Data Model -

Select one or more:

- ☐ a. Must have at least one relationship type
- ☐ b. None of the others
- ☐ c. Must have at least one derived attribute
- ☒ d. Can have exactly one strong entity type
- ☐ e. Must have at least one weak entity type

Question **3**

Complete

Marked out of 1.00

The attribute of an ER Data Model -

Select one or more:

- ☒ a. Can uniquely identify all entities of an entity type
- ☐ b. Can always represent a binary relationship type
- ☒ c. Can take multiple values
- ☒ d. Can have its value determined by the values of the attributes of other entity types
- ☐ e. None of the others

Question **4**

Complete

Marked out of 1.00

If there is a 'weak entity type' in an ER model, then in the ER model

Select one or more:

- ☒ a. There must be at least one identifying relationship type
- ☐ b. None of the others
- ☒ c. The weak entity type must have at least one attribute
- ☐ d. There must be at least one derived attribute
- ☒ e. There is at least one strong entity type



An identifying relationship type –

Select one or more:

- ☒ a. Has at least one strong entity type participating in it
- ☐ b. Can allow for partial participation of the weak entity type in it
- ☒ c. Can be a one-one cardinality binary relationship type
- ☐ d. Is always a binary relationship type
- ☐ e. None of the others

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