

FIT2094-FIT3171 Databases - S2 2021

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Question 1

Correct

Mark 1.00 out of 1.00

A relationship is an association between ____.

Select one:

- ☐ a. objects
- ☐ b. fields
- ☐ c. databases
- ☒ d. entities

✓ Correct

The correct answer is: entities

Question 2

Correct

Mark 1.00 out of 1.00

If an entity can exist apart from all of its related entities, then it is existence-independent, and it is referred to as a(n) ____ entity.

Select one:

- ☒ a. strong
- ☐ b. alone
- ☐ c. weak
- ☐ d. unary

✓ Correct

The correct answer is: strong

Question **3**

Correct

Mark 1.00 out of 1.00

A(n) _____ is the set of possible values for a given attribute.

Select one:

- ☐ a. key
- ☐ b. identifier
- ☐ c. range
- ☒ d. domain

✓ Correct

The correct answer is: domain

Question **4**

Correct

Mark 1.00 out of 1.00

The entity relationship diagram (ERD) represents the _____ database as viewed by the end user.

Select one:

- ☐ a. condensed
- ☐ b. physical
- ☐ c. logical
- ☒ d. conceptual

✓ Correct

The correct answer is: conceptual

Question **5**

Correct

Mark 1.00 out of 1.00

A _____ relationship exists when an association is maintained within a single entity.

Select one:

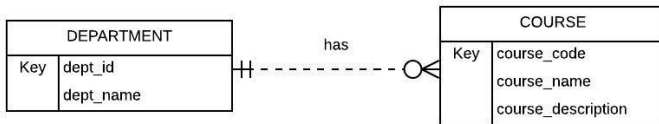
- ☒ a. unary
- ☐ b. weak
- ☐ c. ternary
- ☐ d. strong

✓ Correct

The correct answer is: unary

Question **6**

Correct



According to the above diagram, a COURSE belongs to ____ DEPARTMENT(s)

Select one:

- ☐ a. zero or one
- ☐ b. many
- ☒ c. one
- ☐ d. one or many



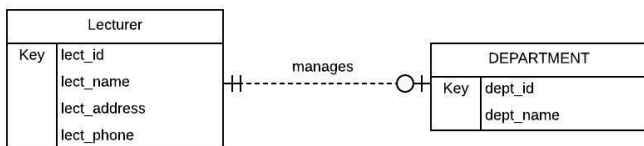
Your answer is correct.

The correct answer is: **one**

Question 7

Correct

Mark 1.00 out of 1.00



According to the above diagram, a new department may NOT have a manager yet. True or False?

Select one:

- ☐ True
- ☒ False ✓

The correct answer is 'False'.

Question 8

Correct

Mark 1.00 out of 1.00



According to the above diagram. COURSE_OFFERING has a key that is partially derived from COURSE in the relationship. This entity is known as ____ entity.

Select one:

Select one.

- ☐ a. business
- ☒ b. weak
- ☐ c. child
- ☐ d. strong

✓ Correct

The correct answer is: weak

Question 9

Correct

Mark 1.00 out of 1.00



According to the above diagram, how many departments may be managed by a lecturer?

Select one or more:

- ☒ a. one
- ☐ b. many
- ☒ c. zero
- ☐ d. none

✓

✓

Your answer is correct.

The correct answers are: one, zero

Question 10

Correct

Mark 1.00 out of 1.00

A _____ attribute can be further subdivided to yield additional attributes.

Select one:

- ☒ a. composite
- ☐ b. multivalued
- ☐ c. simple
- ☐ d. single-valued

✓ Correct

The correct answer is: composite

Question 11

Correct

Mark 1.00 out of 1.00

A ____ attribute is one that cannot be subdivided.

Select one:

- ☐ a. composite
- ☒ b. simple
- ☐ c. single-valued
- ☐ d. multivalued

✓ Correct

The correct answer is: simple

Question 12

Correct

Mark 1.00 out of 1.00



According to above diagram. The relationship between COURSE and COURSE_OFFERING is a(n) ____ relationship.

Select one:

- ☐ a. non-identifying
- ☒ b. identifying
- ☐ c. child
- ☐ d. parent

✓

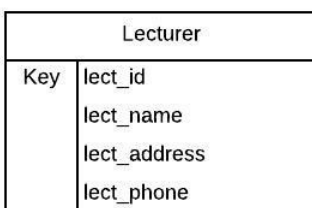
Your answer is correct.

The correct answer is: identifying

Question 13

Correct

Mark 1.00 out of 1.00



According to the above diagram, which attribute(s) could be the composite attribute(s)?

Select one or more:

- ☒ a. lect_name

✓

- ☒ b. lect_phone
- ☐ c. lect_id
- ☒ d. lect_address



Your answer is correct.

The correct answers are: lect_name, lect_address, lect_phone

Question **14**

Correct

Mark 1.00 out of 1.00

The entity relationship model uses the associative entity to represent a(n) _____ relationship between two or more entities.

Select one:

- ☒ a. M:N
- ☐ b. 1:M
- ☐ c. N:1
- ☐ d. M:1

✓ Correct

The correct answer is: M:N

◀ Having problems with MoVE (the Citrix Workspace)?

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Week 2 Pre-Workshop Slide - Conceptual Model ▶