

## FIT2094-FIT3171 Databases - S2 2021

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## Question 1

Correct

Mark 1.00 out of 1.00

A primary key is a(n) \_\_\_\_\_ key chosen to be the primary means by which rows of a table are uniquely identified.

Select one:

- ☐ a. entity
- ☐ b. super
- ☐ c. referential
- ☒ d. candidate

✓ Correct

The correct answer is: candidate

## Question 2

Correct

Mark 1.00 out of 1.00

Referential \_\_\_\_\_ dictates that the foreign key must contain values that match the primary key in the related table, or must contain null.

Select one:

- ☐ a. attribute
- ☒ b. integrity
- ☐ c. model
- ☐ d. uniqueness

✓ Correct

The correct answer is: integrity

## Question 3

Correct

Mark 1.00 out of 1.00

The \_\_\_\_ constraint can be placed on a column to ensure that every row in the table has a value for that column.

Select one:

- ☐ a. VALUE
- ☒ b. NOT NULL
- ☐ c. UNIQUE
- ☐ d. EMPTY

✓ Correct

The correct answer is: NOT NULL

#### Question 4

Correct

Mark 1.00 out of 1.00

A \_\_\_\_ is any key that uniquely identifies each row.

Select one:

- ☒ a. superkey
- ☐ b. candidate key
- ☐ c. foreign key
- ☐ d. special key

✓ Correct

The correct answer is: superkey

#### Question 5

Correct

Mark 1.00 out of 1.00

A(n) \_\_\_\_ join links tables by selecting only the rows with common values in their common attribute(s).

Select one:

- ☐ a. attribute
- ☐ b. foreign
- ☒ c. natural
- ☐ d. unique

✓ Correct

The correct answer is: natural

#### Question 6

Correct

Mark 1.00 out of 1.00

A \_\_\_\_ is the primary key of one table that has been placed into another table to create a common attribute.

Select one:

- ☒ a. foreign key
- ☐ b. candidate key
- ☐ c. composite primary key
- ☐ d. superkey

✓ Correct

The correct answer is: foreign key

Question 7

Correct

Mark 1.00 out of 1.00

\_\_\_\_\_, also known as RESTRICT, yields values for all rows found in a table that satisfy a given condition.

Select one:

- ☒ a. SELECT
- ☐ b. INTERSECT
- ☐ c. DIFFERENCE
- ☐ d. UNION

✓ Correct

The correct answer is: SELECT

Question 8

Correct

Mark 1.00 out of 1.00

The \_\_\_\_ operator yields a vertical subset of a table.

Select one:

- ☐ a. JOIN
- ☒ b. PROJECT
- ☐ c. SELECT
- ☐ d. INTERSECT

✓ Correct

The correct answer is: PROJECT

Question 9

Correct

Mark 1.00 out of 1.00

\_\_\_\_\_ returns only the attributes requested, in the order in which they are requested.

Select one:

- ☐ a. DIFFERENCE
- ☐ b. SELECT
- ☐ c. UNION
- ☒ d. PROJECT

✓ Correct

The correct answer is: PROJECT

Question **10**

Correct

Mark 1.00 out of 1.00

A \_\_\_\_\_ key can be described as a minimal superkey, a superkey without any unnecessary attributes.

Select one:

- ☐ a. secondary
- ☐ b. primary
- ☐ c. foreign
- ☒ d. candidate

✓ Correct

The correct answer is: candidate

Question **11**

Correct

Mark 1.00 out of 1.00

The CUSTOMER table's primary key is CUS\_CODE. The CUSTOMER primary key column has no null entries, and all entries are unique. This is an example of \_\_\_\_\_ integrity.

Select one:

- ☒ a. entity
- ☐ b. null
- ☐ c. referential
- ☐ d. relational

✓ Correct

The correct answer is: entity

◀ Revert and Reset in SQL Developer

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