

FIT9132 Introduction to databases - S1 2022

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Started on Tuesday, 14 June 2022, 11:50 PM

State Finished

Completed on Tuesday, 14 June 2022, 11:55 PM

Time taken 5 mins 11 secs

Marks 7.00/11.00

Grade **6.36** out of 10.00 (**64%**)

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Question 1

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

✓ Correct

The correct answer is: SELECT

Question 2

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

✓ Correct

The correct answer is: entity

Question 3

Incorrect

Mark 0.00 out of 1.00

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

Select one:

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

✗ Incorrect

The correct answer is: candidate

Question 4

Incorrect

Mark 0.00 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. foreign
- ☐ b. unique
- ☐ c. natural
- ☐ d. attribute

✗ Incorrect

The correct answer is: natural

Question 5

Correct

Mark 1.00 out of 1.00

A ____ is any key that uniquely identifies each row.

Select one:

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

✓ Correct

The correct answer is: superkey

Question 6

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

✓ Correct

The correct answer is: integrity

Question 7

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 8

Incorrect

Mark 0.00 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. referential
- ☒ c. super
- ☐ d. candidate

✗ Incorrect

The correct answer is: candidate

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

✓ Correct

The correct answer is: PROJECT

Question 10

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

✓ Correct

The correct answer is: foreign key

Question 11

Incorrect

Mark 0.00 out of 1.00

The ____ operator yields a vertical subset of a table.

Select one:

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

✗ Incorrect

The correct answer is: PROJECT

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