* **Question 1**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | A foreign key appears on the many side of a one-to-many relationship.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct True | | Correct Answer: | Correct True | |  |  |  |

* **Question 2**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | A(n) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is referred to as a row in the physical database.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect row | | Correct Answer: |  |  |  |  |  | | --- | --- | --- | | **Evaluation Method** | **Correct Answer** | **Case Sensitivity** | | Correct*Exact Match* | record |  |  |  | | --- | |  | |  |  |  |

* **Question 3**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | A file is referred to as a(n) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ in an Oracle 12c database.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect entity | | Correct Answer: |  |  |  |  |  | | --- | --- | --- | | **Evaluation Method** | **Correct Answer** | **Case Sensitivity** | | Correct*Exact Match* | table |  |  |  | | --- | |  | |  |  |  |

* **Question 4**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | A one-to-many relationship means that an occurrence of a specific entity can only exist once in each table.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct False | | Correct Answer: | Correct False | |  |  |  |

* **Question 5**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Tables can be linked or joined together through their primary keys.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct False | | Correct Answer: | Correct False | |  |  |  |

* **Question 6**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | A(n) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is a basic unit of data that can consist of a letter, number, or special symbol.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect field | | Correct Answer: |  |  |  |  |  | | --- | --- | --- | | **Evaluation Method** | **Correct Answer** | **Case Sensitivity** | | Correct*Exact Match* | character |  |  |  | | --- | |  | |  |  |  |

* **Question 7**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Two tables can be linked or joined together through a common field.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct True | | Correct Answer: | Correct True | |  |  |  |

* **Question 8**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | A field in the logical design of a database corresponds to a \_\_\_\_ in the physical database.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correctd.  ​column | | Correct Answer: | Correctd.  ​column | |  |  |  |

* **Question 9**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | A field in the logical design of a database corresponds to a row in the physical table of a relational database.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect True | | Correct Answer: | Correct False | |  |  |  |

* **Question 10**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | A file is composed of a group of related \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: |  |  |  |  |  | | --- | --- | --- | | **Evaluation Method** | **Correct Answer** | **Case Sensitivity** | | Correct*Exact Match* | records |  |  |  | | --- | |  | |  |  |  |

Tuesday, March 6, 2018 1:34:09 AM EST

* **Question 1**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Which of the following terms best describes where a group of characters that represents a customer’s address would be stored in the logical design?​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correctc.  ​field | | Correct Answer: | Correctc.  ​field | |  |  |  |

* **Question 2**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | What is added to a relational database to eliminate many-to-many relationships?​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correctd.  ​bridging table | | Correct Answer: | Correctd.  ​bridging table | |  |  |  |

* **Question 3**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Analyzing historical data stored in a database is referred to as \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct data mining | | Correct Answer: |  |  |  |  |  | | --- | --- | --- | | **Evaluation Method** | **Correct Answer** | **Case Sensitivity** | | Correct*Exact Match* | data mining |  |  |  | | --- | |  | |  |  |  |

* **Question 4**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | A foreign key uniquely identifies each row in a table.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect True | | Correct Answer: | Correct False | |  |  |  |

* **Question 5**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Data in third normal form (3NF) contains which of the following?​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correctd.  ​none of the above | | Correct Answer: | Correctd.  ​none of the above | |  |  |  |

* **Question 6**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Which of the following may contain repeating groups of data?​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correctb.  ​unnormalized data | | Correct Answer: | Correctb.  ​unnormalized data | |  |  |  |

* **Question 7**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Which of the following is not a step in the Systems Development Life Cycle (SDLC)?​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correctd.  ​all of the above are steps in the SDLC | | Correct Answer: | Correctd.  ​all of the above are steps in the SDLC | |  |  |  |

* **Question 8**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | ​Which of the following terms represents a collection of fields?​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correctc.  ​record | | Correct Answer: | Correctc.  ​record | |  |  |  |

* **Question 9**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | A foreign key appears on the many side of a one-to-many relationship.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct True | | Correct Answer: | Correct True | |  |  |  |

* **Question 10**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | A solid straight line in an E-R Model depicts a(n) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ relationship.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect one-to-one | | Correct Answer: |  |  |  |  |  | | --- | --- | --- | | **Evaluation Method** | **Correct Answer** | **Case Sensitivity** | | Correct*Contains* | strong |  | | Correct*Exact Match* | one to one |  |  |  | | --- | |  | |  |  |  |

Tuesday, March 6, 2018 1:34:22 AM EST

* **Question 1**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Which of the following does not contain repeating groups, but has a primary key and possibly partial dependencies?​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrectd.  ​unnormalized data | | Correct Answer: | Correctc.  ​first normal form (1NF) | |  |  |  |

* **Question 2**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | If uncontrolled, what can lead to data anomalies?​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correctc.  ​data redundancy | | Correct Answer: | Correctc.  ​data redundancy | |  |  |  |

* **Question 3**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Structured Query Language (SQL) is generally used to interact with a database.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect False | | Correct Answer: | Correct True | |  |  |  |

* **Question 4**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Which of the following is an example of an attribute?​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correctc.  ​a person’s hair color | | Correct Answer: | Correctc.  ​a person’s hair color | |  |  |  |

* **Question 5**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Which of the following may contain partial dependencies, but cannot contain repeating groups?​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correctd.  ​first normal form (1NF) | | Correct Answer: | Correctd.  ​first normal form (1NF) | |  |  |  |

* **Question 6**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Data is in \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ normal form if it does not have any repeating groups and has a primary key.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect 1NF | | Correct Answer: |  |  |  |  |  | | --- | --- | --- | | **Evaluation Method** | **Correct Answer** | **Case Sensitivity** | | Correct*Exact Match* | first |  | | Correct*Exact Match* | 1st |  |  |  | | --- | |  | |  |  |  |

* **Question 7**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | A \_\_\_\_ is a group of interrelated files.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correctb.  ​database | | Correct Answer: | Correctb.  ​database | |  |  |  |

* **Question 8**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | A(n) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is a group of interrelated files.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct database | | Correct Answer: |  |  |  |  |  | | --- | --- | --- | | **Evaluation Method** | **Correct Answer** | **Case Sensitivity** | | Correct*Exact Match* | database |  |  |  | | --- | |  | |  |  |  |

* **Question 9**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | A field is a basic unit of data also referred to as a record.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct False | | Correct Answer: | Correct False | |  |  |  |

* **Question 10**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Data in first normal form (1NF) does not contain which of the following?​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correctb.  ​ repeating groups | | Correct Answer: | Correctb.  ​ repeating groups | |  |  |  |

Tuesday, March 6, 2018 1:34:25 AM EST

* **Question 1**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | A \_\_\_\_ is a group of interrelated files.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correcta.  ​database | | Correct Answer: | Correcta.  ​database | |  |  |  |

* **Question 2**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | A field is referred to as a(n) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ in the physical database.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct column | | Correct Answer: |  |  |  |  |  | | --- | --- | --- | | **Evaluation Method** | **Correct Answer** | **Case Sensitivity** | | Correct*Exact Match* | column |  |  |  | | --- | |  | |  |  |  |

* **Question 3**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | https://mymasonportal.gmu.edu/courses/1/22163.201810/ppg/cognero/Chapter_01_Overview_of_Database_Concepts/media/e0d32cc6-c69b-4310-9277-fa6d0e99dcda.JPEG​  What type of relationship is depicted in Figure 1?​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correctd.  ​one-to-one | | Correct Answer: | Correctd.  ​one-to-one | |  |  |  |

* **Question 4**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The occurrence of data anomalies would indicate an unnormalized database design.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct True | | Correct Answer: | Correct True | |  |  |  |

* **Question 5**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Which of the following can lead to partial dependencies?​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correcta.  ​composite primary key | | Correct Answer: | Correcta.  ​composite primary key | |  |  |  |

* **Question 6**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | A field in the logical design of a database is represented by what in the physical database?​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correctc.  ​column | | Correct Answer: | Correctc.  ​column | |  |  |  |

* **Question 7**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | A straight line with a crow’s foot at one end depicts a(n) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ relationship in an E-R Model.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct one-to-many | | Correct Answer: |  |  |  |  |  | | --- | --- | --- | | **Evaluation Method** | **Correct Answer** | **Case Sensitivity** | | Correct*Exact Match* | one-to-many |  | | Correct*Exact Match* | one to many |  |  |  | | --- | |  | |  |  |  |

* **Question 8**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | If at least one value in a record does not depend upon the primary key, then a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ exists.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct transitive dependency | | Correct Answer: |  |  |  |  |  | | --- | --- | --- | | **Evaluation Method** | **Correct Answer** | **Case Sensitivity** | | Correct*Exact Match* | transitive dependency |  |  |  | | --- | |  | |  |  |  |

* **Question 9**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | A(n) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is a storage structure that contains data.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct database | | Correct Answer: |  |  |  |  |  | | --- | --- | --- | | **Evaluation Method** | **Correct Answer** | **Case Sensitivity** | | Correct*Exact Match* | database |  |  |  | | --- | |  | |  |  |  |

* **Question 10**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | https://mymasonportal.gmu.edu/courses/1/22163.201810/ppg/cognero/Chapter_01_Overview_of_Database_Concepts/media/79c81500-da88-40a8-bf3f-2ccb1c282cf3.JPEG ​    If entity A in Figure 2 represents customers and entity B represents automobiles, which of the following statements is correct?​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correctb.  ​Each customer can own many cars, but each car can be owned by only one customer. | | Correct Answer: | Correctb.  ​Each customer can own many cars, but each car can be owned by only one customer. | |  |  |  |

Tuesday, March 6, 2018 1:34:27 AM EST

* **Question 1**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | A solid straight line in an E-R Model depicts a(n) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ relationship.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: |  |  |  |  |  | | --- | --- | --- | | **Evaluation Method** | **Correct Answer** | **Case Sensitivity** | | Correct*Contains* | strong |  | | Correct*Exact Match* | one to one |  |  |  | | --- | |  | |  |  |  |

* **Question 2**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Partial dependency can only exist if the data is uniquely identified by a composite primary key.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correct True | |  |  |  |

* **Question 3**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | If a primary key has been identified for the data, then the data is considered to be in first normal form (1NF).​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correct False | |  |  |  |

* **Question 4**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | If a recipe contains several ingredients, and those ingredients can also be used in other recipes, this would be an example of what type of relationship?​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correctc.  ​many-to-many | |  |  |  |

* **Question 5**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | A column represents a field in the physical database table.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correct True | |  |  |  |

* **Question 6**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | A one-to-many relationship cannot be included in a relational database.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correct False | |  |  |  |

* **Question 7**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Which of the following is used to uniquely identify each record?​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correcta.  ​primary key | |  |  |  |

* **Question 8**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | A database is a physical storage device for data.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correct False | |  |  |  |

* **Question 9**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The fact that a person can wear different size clothes and that different people can wear the same size clothes is best characterized as a what type of relationship?​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correctd.  ​many-to-many | |  |  |  |

* **Question 10**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | What is added to a relational database to eliminate many-to-many relationships?​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correctd.  ​bridging table | |  |  |  |

Tuesday, March 6, 2018 1:34:30 AM EST

* **Question 1**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | A straight line with a crow’s foot at one end depicts a(n) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ relationship in an E-R Model.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: |  |  |  |  |  | | --- | --- | --- | | **Evaluation Method** | **Correct Answer** | **Case Sensitivity** | | Correct*Exact Match* | one-to-many |  | | Correct*Exact Match* | one to many |  |  |  | | --- | |  | |  |  |  |

* **Question 2**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | A record in the logical design of a database corresponds to a row in the physical table of a relational database.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correct True | |  |  |  |

* **Question 3**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Suppose that a patient in a hospital can only be assigned to one room. However, the room may be assigned to more than one patient at a time. This is an example of what type of relationship?​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correcta.  ​one-to-many | |  |  |  |

* **Question 4**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | A field is referred to as a(n) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ in the physical database.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: |  |  |  |  |  | | --- | --- | --- | | **Evaluation Method** | **Correct Answer** | **Case Sensitivity** | | Correct*Exact Match* | column |  |  |  | | --- | |  | |  |  |  |

* **Question 5**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | A record in the logical design of a database corresponds to a \_\_\_\_ in the physical database.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correctd.  ​row | |  |  |  |

* **Question 6**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | A(n) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is a group of interrelated files.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: |  |  |  |  |  | | --- | --- | --- | | **Evaluation Method** | **Correct Answer** | **Case Sensitivity** | | Correct*Exact Match* | database |  |  |  | | --- | |  | |  |  |  |

* **Question 7**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Partial dependency exists if what conditions exist?​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correctd.  ​a column is dependent only on a portion of a composite primary key | |  |  |  |

* **Question 8**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | A(n) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is used to uniquely identify each record.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: |  |  |  |  |  | | --- | --- | --- | | **Evaluation Method** | **Correct Answer** | **Case Sensitivity** | | Correct*Exact Match* | primary key |  |  |  | | --- | |  | |  |  |  |

* **Question 9**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | https://mymasonportal.gmu.edu/courses/1/22163.201810/ppg/cognero/Chapter_01_Overview_of_Database_Concepts/media/e0d32cc6-c69b-4310-9277-fa6d0e99dcda.JPEG​  What type of relationship is depicted in Figure 1?​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correctd.  ​one-to-one | |  |  |  |

* **Question 10**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | A many-to-many relationship cannot exist in a relational database.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correct True | |  |  |  |

Tuesday, March 6, 2018 1:34:33 AM EST

* **Question 1**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Data is in second normal form (2NF) if it contains no repeating groups and has a primary key to uniquely identify each record.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correct False | |  |  |  |

* **Question 2**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | A(n) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is used to uniquely identify each record.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: |  |  |  |  |  | | --- | --- | --- | | **Evaluation Method** | **Correct Answer** | **Case Sensitivity** | | Correct*Exact Match* | primary key |  |  |  | | --- | |  | |  |  |  |

* **Question 3**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | A many-to-many relationship cannot exist in a relational database.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correct True | |  |  |  |

* **Question 4**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The following types of relationships can be included in an Entity-Relationship Model: one-to-one, one-to-many, many-to-many.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correct True | |  |  |  |

* **Question 5**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Which of the following is used to create and maintain the physical database?​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correctd.  ​Database Management System (DBMS) | |  |  |  |

* **Question 6**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | In which step of the Systems Development Life Cycle (SDLC) is the solution to the identified problem determined and understood?​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correctc.  ​systems analysis | |  |  |  |

* **Question 7**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | A straight line with a crow’s foot at one end depicts a(n) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ relationship in an E-R Model.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: |  |  |  |  |  | | --- | --- | --- | | **Evaluation Method** | **Correct Answer** | **Case Sensitivity** | | Correct*Exact Match* | one-to-many |  | | Correct*Exact Match* | one to many |  |  |  | | --- | |  | |  |  |  |

* **Question 8**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | A one-to-many relationship cannot be included in a relational database.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correct False | |  |  |  |

* **Question 9**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | https://mymasonportal.gmu.edu/courses/1/22163.201810/ppg/cognero/Chapter_01_Overview_of_Database_Concepts/media/e0d32cc6-c69b-4310-9277-fa6d0e99dcda.JPEG ​    Which statement best describes the relationship shown in Figure 1?​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correcta.  ​For every occurrence of A, there can only be one occurrence of B. | |  |  |  |

* **Question 10**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | https://mymasonportal.gmu.edu/courses/1/22163.201810/ppg/cognero/Chapter_01_Overview_of_Database_Concepts/media/79c81500-da88-40a8-bf3f-2ccb1c282cf3.JPEG ​    If entity A in Figure 2 represents customers and entity B represents automobiles, which of the following statements is correct?​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correctc.  ​Each customer can own many cars, but each car can be owned by only one customer. | |  |  |  |

Tuesday, March 6, 2018 1:34:35 AM EST

* **Question 1**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Suppose that a patient in a hospital can only be assigned to one room. However, the room may be assigned to more than one patient at a time. This is an example of what type of relationship?​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correctd.  ​one-to-many | |  |  |  |

* **Question 2**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | https://mymasonportal.gmu.edu/courses/1/22163.201810/ppg/cognero/Chapter_01_Overview_of_Database_Concepts/media/e0d32cc6-c69b-4310-9277-fa6d0e99dcda.JPEG​  What type of relationship is depicted in Figure 1?​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correctc.  ​one-to-one | |  |  |  |

* **Question 3**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Data is in second normal form (2NF) if it contains no repeating groups and has a primary key to uniquely identify each record.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correct False | |  |  |  |

* **Question 4**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Data mining refers to analyzing historical data stored in a database.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correct True | |  |  |  |

* **Question 5**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Data in second normal form (2NF) may contain which of the following?​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correctb.  ​ transitive dependencies | |  |  |  |

* **Question 6**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | A(n) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ relationship cannot exist in a physical relational database.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: |  |  |  |  |  | | --- | --- | --- | | **Evaluation Method** | **Correct Answer** | **Case Sensitivity** | | Correct*Exact Match* | many-to-many |  | | Correct*Exact Match* | many to many |  |  |  | | --- | |  | |  |  |  |

* **Question 7**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Structured Query Language (SQL) is generally used to interact with a database.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correct True | |  |  |  |

* **Question 8**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | A(n) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is a storage structure that contains data.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: |  |  |  |  |  | | --- | --- | --- | | **Evaluation Method** | **Correct Answer** | **Case Sensitivity** | | Correct*Exact Match* | database |  |  |  | | --- | |  | |  |  |  |

* **Question 9**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | A file is referred to as a(n) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ in an Oracle 12c database.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: |  |  |  |  |  | | --- | --- | --- | | **Evaluation Method** | **Correct Answer** | **Case Sensitivity** | | Correct*Exact Match* | table |  |  |  | | --- | |  | |  |  |  |

* **Question 10**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | A DBMS includes which of the following capabilities?​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correctd.  ​all of the above | |  |  |  |

Tuesday, March 6, 2018 1:34:37 AM EST

* **Question 1**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Data is in third normal form if it is in second normal form and has no \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: |  |  |  |  |  | | --- | --- | --- | | **Evaluation Method** | **Correct Answer** | **Case Sensitivity** | | Correct*Exact Match* | transitive dependencies |  |  |  | | --- | |  | |  |  |  |

* **Question 2**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | A field is a basic unit of data also referred to as a record.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correct False | |  |  |  |

* **Question 3**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | A bridging table can be used to eliminate a many-to-many relationship in a relational database.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correct True | |  |  |  |

* **Question 4**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Analyzing historical sales data stored in a database is commonly referred to as \_\_\_\_.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correctd.  ​data mining | |  |  |  |

* **Question 5**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Structured Query Language (SQL) is generally used to interact with a database.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correct True | |  |  |  |

* **Question 6**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Which of the following may contain partial dependencies, but cannot contain repeating groups?​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correctd.  ​first normal form (1NF) | |  |  |  |

* **Question 7**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | A solid straight line in an E-R Model depicts a(n) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ relationship.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: |  |  |  |  |  | | --- | --- | --- | | **Evaluation Method** | **Correct Answer** | **Case Sensitivity** | | Correct*Contains* | strong |  | | Correct*Exact Match* | one to one |  |  |  | | --- | |  | |  |  |  |

* **Question 8**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | A foreign key is usually found on which side of a relationship?​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correctc.  ​many | |  |  |  |

* **Question 9**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | If uncontrolled, what can lead to data anomalies?​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correctd.  ​data redundancy | |  |  |  |

* **Question 10**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Which of the following is not a step in the Systems Development Life Cycle (SDLC)?​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correctd.  ​all of the above are steps in the SDLC | |  |  |  |

Tuesday, March 6, 2018 1:34:40 AM EST

* **Question 1**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | A field in the logical design of a database corresponds to a \_\_\_\_ in the physical database.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correctc.  ​column | |  |  |  |

* **Question 2**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | A record in the logical design of a database corresponds to a row in the physical table of a relational database.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correct True | |  |  |  |

* **Question 3**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The steps used to design and develop a database are commonly referred to as the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: |  |  |  |  |  | | --- | --- | --- | | **Evaluation Method** | **Correct Answer** | **Case Sensitivity** | | Correct*Exact Match* | Systems Development Life Cycle |  | | Correct*Exact Match* | SDLC |  |  |  | | --- | |  | |  |  |  |

* **Question 4**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | If the data has no partial dependencies, repeating groups, or transitive dependencies, and has a composite primary key, the data is in which form?​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correctc.  ​third normal | |  |  |  |

* **Question 5**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | A(n) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is a storage structure that contains data.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: |  |  |  |  |  | | --- | --- | --- | | **Evaluation Method** | **Correct Answer** | **Case Sensitivity** | | Correct*Exact Match* | database |  |  |  | | --- | |  | |  |  |  |

* **Question 6**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | A field is referred to as a(n) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ in the physical database.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: |  |  |  |  |  | | --- | --- | --- | | **Evaluation Method** | **Correct Answer** | **Case Sensitivity** | | Correct*Exact Match* | column |  |  |  | | --- | |  | |  |  |  |

* **Question 7**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Which of the following may contain partial dependencies, but cannot contain repeating groups?​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correctd.  ​first normal form (1NF) | |  |  |  |

* **Question 8**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | In an E-R Model a person, place, or thing with characteristics to be stored in the database are referred to as?​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correctc.  ​entity | |  |  |  |

* **Question 9**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | If a recipe contains several ingredients, and those ingredients can also be used in other recipes, this would be an example of what type of relationship?​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correctd.  ​many-to-many | |  |  |  |

* **Question 10**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Which of the following is used to determine the correct organization for data that is to be stored in a database?​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correctc.  ​normalization process | |  |  |  |

Tuesday, March 6, 2018 1:34:42 AM EST

* **Question 1**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | A(n) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is a storage structure that contains data.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: |  |  |  |  |  | | --- | --- | --- | | **Evaluation Method** | **Correct Answer** | **Case Sensitivity** | | Correct*Exact Match* | database |  |  |  | | --- | |  | |  |  |  |

* **Question 2**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Which of the following is used to determine the correct organization for data that is to be stored in a database?​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correcta.  ​normalization process | |  |  |  |

* **Question 3**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | An entity is represented by a column in the Entity-Relationship Model.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correct False | |  |  |  |

* **Question 4**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | https://mymasonportal.gmu.edu/courses/1/22163.201810/ppg/cognero/Chapter_01_Overview_of_Database_Concepts/media/e0d32cc6-c69b-4310-9277-fa6d0e99dcda.JPEG ​    Which statement best describes the relationship shown in Figure 1?​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correctd.  ​For every occurrence of A, there can only be one occurrence of B. | |  |  |  |

* **Question 5**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Transitive dependency can only exist if the data is uniquely identified by a composite primary key.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correct False | |  |  |  |

* **Question 6**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | https://mymasonportal.gmu.edu/courses/1/22163.201810/ppg/cognero/Chapter_01_Overview_of_Database_Concepts/media/79c81500-da88-40a8-bf3f-2ccb1c282cf3.JPEG ​    If entity A in Figure 2 represents customers and entity B represents automobiles, which of the following statements is correct?​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correctd.  ​Each customer can own many cars, but each car can be owned by only one customer. | |  |  |  |

* **Question 7**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | If a primary key has been identified for the data, then the data is considered to be in first normal form (1NF).​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correct False | |  |  |  |

* **Question 8**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | A field is a group of related \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: |  |  |  |  |  | | --- | --- | --- | | **Evaluation Method** | **Correct Answer** | **Case Sensitivity** | | Correct*Exact Match* | characters |  |  |  | | --- | |  | |  |  |  |

* **Question 9**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | A bridging table can be used to eliminate a many-to-many relationship in a relational database.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correct True | |  |  |  |

* **Question 10**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | A foreign key appears on the many side of a one-to-many relationship.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correct True | |  |  |  |

Tuesday, March 6, 2018 1:34:44 AM EST

* **Question 1**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | If a recipe contains several ingredients, and those ingredients can also be used in other recipes, this would be an example of what type of relationship?​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correctc.  ​many-to-many | |  |  |  |

* **Question 2**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The fact that a person can wear different size clothes and that different people can wear the same size clothes is best characterized as a what type of relationship?​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correctb.  ​many-to-many | |  |  |  |

* **Question 3**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Two tables can be linked or joined together through a common field.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correct True | |  |  |  |

* **Question 4**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | A field in the logical design of a database is represented by what in the physical database?​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correctb.  ​column | |  |  |  |

* **Question 5**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Tables can be linked or joined together through their primary keys.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correct False | |  |  |  |

* **Question 6**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | A many-to-many relationship cannot exist in a relational database.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correct True | |  |  |  |

* **Question 7**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Which of the following is used to create and maintain the physical database?​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correcta.  ​Database Management System (DBMS) | |  |  |  |

* **Question 8**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | A foreign key appears on the many side of a one-to-many relationship.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correct True | |  |  |  |

* **Question 9**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | A foreign key is usually found on which side of a relationship?​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correctd.  ​many | |  |  |  |

* **Question 10**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | A(n) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is a storage structure that contains data.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: |  |  |  |  |  | | --- | --- | --- | | **Evaluation Method** | **Correct Answer** | **Case Sensitivity** | | Correct*Exact Match* | database |  |  |  | | --- | |  | |  |  |  |

Tuesday, March 6, 2018 1:34:46 AM EST

* **Question 1**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Data is in \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ normal form if it does not have any repeating groups and has a primary key.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: |  |  |  |  |  | | --- | --- | --- | | **Evaluation Method** | **Correct Answer** | **Case Sensitivity** | | Correct*Exact Match* | first |  | | Correct*Exact Match* | 1st |  |  |  | | --- | |  | |  |  |  |

* **Question 2**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | A(n) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is used to uniquely identify each record.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: |  |  |  |  |  | | --- | --- | --- | | **Evaluation Method** | **Correct Answer** | **Case Sensitivity** | | Correct*Exact Match* | primary key |  |  |  | | --- | |  | |  |  |  |

* **Question 3**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Analyzing historical data stored in a database is referred to as \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: |  |  |  |  |  | | --- | --- | --- | | **Evaluation Method** | **Correct Answer** | **Case Sensitivity** | | Correct*Exact Match* | data mining |  |  |  | | --- | |  | |  |  |  |

* **Question 4**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The steps used to design and develop a database are commonly referred to as the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: |  |  |  |  |  | | --- | --- | --- | | **Evaluation Method** | **Correct Answer** | **Case Sensitivity** | | Correct*Exact Match* | Systems Development Life Cycle |  | | Correct*Exact Match* | SDLC |  |  |  | | --- | |  | |  |  |  |

* **Question 5**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Partial dependency means that at least one of the data values is dependent on only a portion of the primary key.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correct True | |  |  |  |

* **Question 6**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Tables can be linked or joined together through their primary keys.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correct False | |  |  |  |

* **Question 7**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | https://mymasonportal.gmu.edu/courses/1/22163.201810/ppg/cognero/Chapter_01_Overview_of_Database_Concepts/media/79c81500-da88-40a8-bf3f-2ccb1c282cf3.JPEG​  What type of relationship is depicted in Figure 2?​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correctd.  ​one-to-many | |  |  |  |

* **Question 8**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Which of the following can lead to partial dependencies?​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correctb.  ​composite primary key | |  |  |  |

* **Question 9**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | A(n) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is a basic unit of data that can consist of a letter, number, or special symbol.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: |  |  |  |  |  | | --- | --- | --- | | **Evaluation Method** | **Correct Answer** | **Case Sensitivity** | | Correct*Exact Match* | character |  |  |  | | --- | |  | |  |  |  |

* **Question 10**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | In which step of the Systems Development Life Cycle (SDLC) are the logical and physical components defined?​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correctd.  ​systems design | |  |  |  |

Tuesday, March 6, 2018 1:34:50 AM EST

* **Question 1**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | A(n) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is used to create and maintain the structure of a database.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: |  |  |  |  |  | | --- | --- | --- | | **Evaluation Method** | **Correct Answer** | **Case Sensitivity** | | Correct*Contains* | database management system |  | | Correct*Contains* | DBMS |  |  |  | | --- | |  | |  |  |  |

* **Question 2**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | A(n) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is referred to as a row in the physical database.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: |  |  |  |  |  | | --- | --- | --- | | **Evaluation Method** | **Correct Answer** | **Case Sensitivity** | | Correct*Exact Match* | record |  |  |  | | --- | |  | |  |  |  |

* **Question 3**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The steps used to design and develop a database are commonly referred to as the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: |  |  |  |  |  | | --- | --- | --- | | **Evaluation Method** | **Correct Answer** | **Case Sensitivity** | | Correct*Exact Match* | Systems Development Life Cycle |  | | Correct*Exact Match* | SDLC |  |  |  | | --- | |  | |  |  |  |

* **Question 4**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | If the data has no partial dependencies, repeating groups, or transitive dependencies, and has a composite primary key, the data is in which form?​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correctd.  ​third normal | |  |  |  |

* **Question 5**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Which of the following terms is considered the basic unit of data in a database?​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correctd.  ​character | |  |  |  |

* **Question 6**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | A one-to-many relationship cannot be included in a relational database.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correct False | |  |  |  |

* **Question 7**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | SQL commands can be issued in Oracle *12c* through \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ which is an interface that allows users to interact with the database.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: |  |  |  |  |  | | --- | --- | --- | | **Evaluation Method** | **Correct Answer** | **Case Sensitivity** | | Correct*Exact Match* | SQL\*Plus |  |  |  | | --- | |  | |  |  |  |

* **Question 8**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Which of the following may contain repeating groups of data?​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correctc.  ​unnormalized data | |  |  |  |

* **Question 9**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | A field is a group of related \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: |  |  |  |  |  | | --- | --- | --- | | **Evaluation Method** | **Correct Answer** | **Case Sensitivity** | | Correct*Exact Match* | characters |  |  |  | | --- | |  | |  |  |  |

* **Question 10**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | A(n) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is a basic unit of data that can consist of a letter, number, or special symbol.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: |  |  |  |  |  | | --- | --- | --- | | **Evaluation Method** | **Correct Answer** | **Case Sensitivity** | | Correct*Exact Match* | character |  |  |  | | --- | |  | |  |  |  |

Tuesday, March 6, 2018 1:34:53 AM EST

* **Question 1**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Partial dependency exists if what conditions exist?​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correctc.  ​a column is dependent only on a portion of a composite primary key | |  |  |  |

* **Question 2**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | In which step of the Systems Development Life Cycle (SDLC) are the logical and physical components defined?​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correctc.  ​systems design | |  |  |  |

* **Question 3**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Partial dependency can only exist if the data is uniquely identified by a composite primary key.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correct True | |  |  |  |

* **Question 4**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | A file is referred to as a(n) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ in an Oracle 12c database.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: |  |  |  |  |  | | --- | --- | --- | | **Evaluation Method** | **Correct Answer** | **Case Sensitivity** | | Correct*Exact Match* | table |  |  |  | | --- | |  | |  |  |  |

* **Question 5**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | A(n) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is used to create and maintain the structure of a database.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: |  |  |  |  |  | | --- | --- | --- | | **Evaluation Method** | **Correct Answer** | **Case Sensitivity** | | Correct*Contains* | database management system |  | | Correct*Contains* | DBMS |  |  |  | | --- | |  | |  |  |  |

* **Question 6**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | An entity is represented by a column in the Entity-Relationship Model.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correct False | |  |  |  |

* **Question 7**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | A foreign key is usually found on which side of a relationship?​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correctd.  ​many | |  |  |  |

* **Question 8**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | A field in the logical design of a database corresponds to a row in the physical table of a relational database.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correct False | |  |  |  |

* **Question 9**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | A straight line with a crow’s foot at one end depicts a(n) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ relationship in an E-R Model.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: |  |  |  |  |  | | --- | --- | --- | | **Evaluation Method** | **Correct Answer** | **Case Sensitivity** | | Correct*Exact Match* | one-to-many |  | | Correct*Exact Match* | one to many |  |  |  | | --- | |  | |  |  |  |

* **Question 10**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Data is in second normal form if it is in first normal form and has no \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: |  |  |  |  |  | | --- | --- | --- | | **Evaluation Method** | **Correct Answer** | **Case Sensitivity** | | Correct*Exact Match* | partial dependencies |  |  |  | | --- | |  | |  |  |  |

Tuesday, March 6, 2018 1:34:55 AM EST

* **Question 1**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Data is in \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ normal form if it does not have any repeating groups and has a primary key.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: |  |  |  |  |  | | --- | --- | --- | | **Evaluation Method** | **Correct Answer** | **Case Sensitivity** | | Correct*Exact Match* | first |  | | Correct*Exact Match* | 1st |  |  |  | | --- | |  | |  |  |  |

* **Question 2**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | A(n) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is used to create and maintain the structure of a database.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: |  |  |  |  |  | | --- | --- | --- | | **Evaluation Method** | **Correct Answer** | **Case Sensitivity** | | Correct*Contains* | database management system |  | | Correct*Contains* | DBMS |  |  |  | | --- | |  | |  |  |  |

* **Question 3**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Data is in third normal form if it is in second normal form and has no \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: |  |  |  |  |  | | --- | --- | --- | | **Evaluation Method** | **Correct Answer** | **Case Sensitivity** | | Correct*Exact Match* | transitive dependencies |  |  |  | | --- | |  | |  |  |  |

* **Question 4**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | ​Which of the following terms represents a collection of fields?​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correcta.  ​record | |  |  |  |

* **Question 5**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Transitive dependency can only exist if the data is uniquely identified by a composite primary key.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correct False | |  |  |  |

* **Question 6**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | A foreign key is usually found on which side of a relationship?​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correctd.  ​many | |  |  |  |

* **Question 7**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | SQL commands can be issued in Oracle *12c* through \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ which is an interface that allows users to interact with the database.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: |  |  |  |  |  | | --- | --- | --- | | **Evaluation Method** | **Correct Answer** | **Case Sensitivity** | | Correct*Exact Match* | SQL\*Plus |  |  |  | | --- | |  | |  |  |  |

* **Question 8**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Data is in second normal form (2NF) if it contains no repeating groups and has a primary key to uniquely identify each record.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correct False | |  |  |  |

* **Question 9**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | A one-to-many relationship cannot be included in a relational database.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correct False | |  |  |  |

* **Question 10**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | A(n) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is referred to as a row in the physical database.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: |  |  |  |  |  | | --- | --- | --- | | **Evaluation Method** | **Correct Answer** | **Case Sensitivity** | | Correct*Exact Match* | record |  |  |  | | --- | |  | |  |  |  |

Tuesday, March 6, 2018 1:34:59 AM EST

* **Question 1**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | If a primary key has been identified for the data, then the data is considered to be in first normal form (1NF).​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correct False | |  |  |  |

* **Question 2**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The fact that a person can wear different size clothes and that different people can wear the same size clothes is best characterized as a what type of relationship?​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correctc.  ​many-to-many | |  |  |  |

* **Question 3**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | A collection of fields is a file.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correct False | |  |  |  |

* **Question 4**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | In which step of the Systems Development Life Cycle (SDLC) is the system actually used by the end-user on a regular basis?​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correctb.  ​systems deployment | |  |  |  |

* **Question 5**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | A DBMS includes which of the following capabilities?​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correctd.  ​all of the above | |  |  |  |

* **Question 6**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | A(n) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is used to uniquely identify each record.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: |  |  |  |  |  | | --- | --- | --- | | **Evaluation Method** | **Correct Answer** | **Case Sensitivity** | | Correct*Exact Match* | primary key |  |  |  | | --- | |  | |  |  |  |

* **Question 7**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | A \_\_\_\_ is a group of interrelated files.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correctd.  ​database | |  |  |  |

* **Question 8**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Which of the following committees are responsible for establishing SQL guidelines?​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correctd.  ​ANSI and ISO | |  |  |  |

* **Question 9**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Data in second normal form (2NF) may contain which of the following?​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correctb.  ​ transitive dependencies | |  |  |  |

* **Question 10**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | A one-to-many relationship means that an occurrence of a specific entity can only exist once in each table.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correct False | |  |  |  |

Tuesday, March 6, 2018 1:35:03 AM EST

* **Question 1**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Transitive dependency can only exist if the data is uniquely identified by a composite primary key.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correct False | |  |  |  |

* **Question 2**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | A(n) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is used to create and maintain the structure of a database.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: |  |  |  |  |  | | --- | --- | --- | | **Evaluation Method** | **Correct Answer** | **Case Sensitivity** | | Correct*Contains* | database management system |  | | Correct*Contains* | DBMS |  |  |  | | --- | |  | |  |  |  |

* **Question 3**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Analyzing historical data stored in a database is referred to as \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: |  |  |  |  |  | | --- | --- | --- | | **Evaluation Method** | **Correct Answer** | **Case Sensitivity** | | Correct*Exact Match* | data mining |  |  |  | | --- | |  | |  |  |  |

* **Question 4**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Which of the following can be used to link the data in two or more tables together?​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correcta.  ​common field | |  |  |  |

* **Question 5**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The occurrence of data anomalies would indicate an unnormalized database design.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correct True | |  |  |  |

* **Question 6**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | A foreign key appears on the many side of a one-to-many relationship.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correct True | |  |  |  |

* **Question 7**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Data mining refers to \_\_\_\_.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correctb.  ​analyzing data already stored in a database | |  |  |  |

* **Question 8**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | A field in the logical design of a database is represented by what in the physical database?​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correctc.  ​column | |  |  |  |

* **Question 9**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Which of the following terms refers to a group of related records?​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correctb.  ​file | |  |  |  |

* **Question 10**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | What is added to a relational database to eliminate many-to-many relationships?​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correctb.  ​bridging table | |  |  |  |

Tuesday, March 6, 2018 1:35:06 AM EST

* **Question 1**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Data mining refers to \_\_\_\_.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correctb.  ​analyzing data already stored in a database | |  |  |  |

* **Question 2**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The multi-step process used when creating a new system is referred to as \_\_\_\_.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correctb.  ​the Systems Development Life Cycle | |  |  |  |

* **Question 3**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | In which step of the Systems Development Life Cycle (SDLC) is the system actually used by the end-user on a regular basis?​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correcta.  ​systems deployment | |  |  |  |

* **Question 4**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | A column represents a field in the physical database table.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correct True | |  |  |  |

* **Question 5**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | A field is a basic unit of data also referred to as a record.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correct False | |  |  |  |

* **Question 6**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | If a recipe contains several ingredients, and those ingredients can also be used in other recipes, this would be an example of what type of relationship?​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correctb.  ​many-to-many | |  |  |  |

* **Question 7**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | In which step of the Systems Development Life Cycle (SDLC) is the solution to the identified problem determined and understood?​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correctb.  ​systems analysis | |  |  |  |

* **Question 8**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | A character is a basic unit of data and can consist of a number, letter, or special symbol.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correct True | |  |  |  |

* **Question 9**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Data mining refers to analyzing historical data stored in a database.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correct True | |  |  |  |

* **Question 10**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | What represents a characteristic or attribute that is being collected about an entity?​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correctc.  ​ field | |  |  |  |

Tuesday, March 6, 2018 1:35:08 AM EST

* **Question 1**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The occurrence of data anomalies would indicate an unnormalized database design.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correct True | |  |  |  |

* **Question 2**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | A(n) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is referred to as a row in the physical database.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: |  |  |  |  |  | | --- | --- | --- | | **Evaluation Method** | **Correct Answer** | **Case Sensitivity** | | Correct*Exact Match* | record |  |  |  | | --- | |  | |  |  |  |

* **Question 3**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | A character is a basic unit of data and can consist of a number, letter, or special symbol.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correct True | |  |  |  |

* **Question 4**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Which of the following is used to uniquely identify each record?​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correctc.  ​primary key | |  |  |  |

* **Question 5**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | A \_\_\_\_ is a group of interrelated files.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correcta.  ​database | |  |  |  |

* **Question 6**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Data is in third normal form if it is in second normal form and has no \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: |  |  |  |  |  | | --- | --- | --- | | **Evaluation Method** | **Correct Answer** | **Case Sensitivity** | | Correct*Exact Match* | transitive dependencies |  |  |  | | --- | |  | |  |  |  |

* **Question 7**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | A foreign key uniquely identifies each row in a table.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correct False | |  |  |  |

* **Question 8**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | A(n) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is a storage structure that contains data.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: |  |  |  |  |  | | --- | --- | --- | | **Evaluation Method** | **Correct Answer** | **Case Sensitivity** | | Correct*Exact Match* | database |  |  |  | | --- | |  | |  |  |  |

* **Question 9**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | A(n) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ table can be added to the physical database to eliminate a many-to-many relationship.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: |  |  |  |  |  | | --- | --- | --- | | **Evaluation Method** | **Correct Answer** | **Case Sensitivity** | | Correct*Exact Match* | bridging |  |  |  | | --- | |  | |  |  |  |

* **Question 10**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Data in first normal form (1NF) does not contain which of the following?​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correctb.  ​ repeating groups | |  |  |  |

Tuesday, March 6, 2018 1:35:13 AM EST