**Review Test Submission: Chapter 1 Exam**

**Content**

|  |  |
| --- | --- |
| **User** | Adnar Lozano Leon |
| **Course** | 14FAL CIS-61-48109 OL (08/25-12/12) Intro to Database Theory |
| **Test** | Chapter 1 Exam |
| **Started** | 9/17/14 7:21 PM |
| **Submitted** | 9/17/14 8:03 PM |
| **Due Date** | 9/25/14 11:59 PM |
| **Status** | Completed |
| **Attempt Score** | 48 out of 50 points |
| **Time Elapsed** | 42 minutes. |
| **Instructions** | Exam for Chapter 1 |

* **Question 1**

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | One advantage of a database system over previous data management approaches is that the database system is considerably less complex. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | 1.  **False** | | Answers: | Correct1.  False | |  | 2.  True | |  |  |  |

* **Question 2**

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Metadata present a more complete picture of the data in the database. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct1.  **True** | | Answers: | Correct1.  True | |  | 2.  False | |  |  |  |

* **Question 3**

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | We are now said to be entering the “knowledge age.” |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct1.  **True** | | Answers: | Correct1.  True | |  | 2.  False | |  |  |  |

* **Question 4**

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Most data you encounter is best classified as \_\_\_\_. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct4.  **Semistructured** | | Answers: | 1.  Unstructured | |  | 2.  Structured | |  | 3.  Historical | |  | Correct4.  Semistructured | |  |  |  |

* **Question 5**

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Corporations use only structured data. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct2.  **False** | | Answers: | 1.  True | |  | Correct2.  False | |  |  |  |

* **Question 6**

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | An operational database is sometimes referred to as an enterprise database. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct2.  **False** | | Answers: | 1.  True | |  | Correct2.  False | |  |  |  |

* **Question 7**

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | \_\_\_\_ provide(s) a description of the data characteristics and the set of relationships that link the data found within the database. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct4.  **Metadata** | | Answers: | 1.  End-user data | |  | 2.  Information | |  | 3.  Queries | |  | Correct4.  Metadata | |  |  |  |

* **Question 8**

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The organization of the data within the folders in a manual file system was determined by \_\_\_\_. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct1.  **its expected use** | | Answers: | Correct1.  its expected use | |  | 2.  the date of creation | |  | 3.  the data processing specialist | |  | 4.  the title of the documents in the folder | |  |  |  |

* **Question 9**

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | \_\_\_\_ data are the result of formatting to facilitate storage, use and generation of information. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct3.  **Structured** | | Answers: | 1.  Historical | |  | 2.  Unstructured | |  | Correct3.  Structured | |  | 4.  Semistructured | |  |  |  |

* **Question 10**

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Information implies familiarity, awareness, and understanding knowledge as it applies to an environment. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct1.  **False** | | Answers: | Correct1.  False | |  | 2.  True | |  |  |  |

* **Question 11**

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The term \_\_\_\_ refers to an organization of components that define and regulate the collection, storage, management and use of data within a database environment. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct3.  **database system** | | Answers: | 1.  database management system | |  | 2.  management system | |  | Correct3.  database system | |  | 4.  database management | |  |  |  |

* **Question 12**

0 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | A(n) \_\_\_\_ database is designed to support a company’s day-to-day operations. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect2.  enterprise | | Answers: | 1.  desktop | |  | 2.  enterprise | |  | Correct3.  **transactional** | |  | 4.  workgroup | |  |  |  |

* **Question 13**

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | One disadvantage of the DBMS is that it increases the risk of data security breaches. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct2.  **False** | | Answers: | 1.  True | |  | Correct2.  False | |  |  |  |

* **Question 14**

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The database structure is stored as a \_\_\_\_. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct4.  **collection of files** | | Answers: | 1.  collection of queries | |  | 2.  file | |  | 3.  set of key/value pairs | |  | Correct4.  collection of files | |  |  |  |

* **Question 15**

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | A(n) \_\_\_\_ database supports a small number of users, or a specific department within an organization. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct2.  **workgroup** | | Answers: | 1.  transactional | |  | Correct2.  workgroup | |  | 3.  desktop | |  | 4.  enterprise | |  |  |  |

* **Question 16**

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The application programs receive all application requests and translate them into the complex operations required to fulfill those requests. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct1.  **False** | | Answers: | Correct1.  False | |  | 2.  True | |  |  |  |

* **Question 17**

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Data processing can be as simple as organizing data to reveal patterns. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct2.  **True** | | Answers: | 1.  False | |  | Correct2.  True | |  |  |  |

* **Question 18**

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Data constitute the building blocks of information. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct2.  **True** | | Answers: | 1.  False | |  | Correct2.  True | |  |  |  |

* **Question 19**

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The only way to access the data in a database is through the DBMS. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct1.  **True** | | Answers: | Correct1.  True | |  | 2.  False | |  |  |  |

* **Question 20**

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Most decision-support data are based on historical data obtained from \_\_\_\_. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct2.  **operational databases** | | Answers: | 1.  data warehouses | |  | Correct2.  operational databases | |  | 3.  workgroup databases | |  | 4.  enterprise databases | |  |  |  |

* **Question 21**

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Which of the following is an example of structured data? |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct2.  A spreadsheet. | | Answers: | 1.  A Web page. | |  | Correct2.  A spreadsheet. | |  | 3.  A memo. | |  | 4.  An e-mail. | |  |  |  |

* **Question 22**

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | \_\_\_\_ data exist in the format in which they were collected. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct2.  **Unstructured** | | Answers: | 1.  Historical | |  | Correct2.  Unstructured | |  | 3.  Structured | |  | 4.  Semistructured | |  |  |  |

* **Question 23**

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | A file system was traditionally composed of a collection of file folders, each properly tagged and kept in a filing cabinet. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct2.  **True** | | Answers: | 1.  False | |  | Correct2.  True | |  |  |  |

* **Question 24**

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Structural dependence exists when it is possible to make changes in the file structure without affecting the application program’s ability to access the data. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct2.  **False** | | Answers: | 1.  True | |  | Correct2.  False | |  |  |  |

* **Question 25**

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The response of the DBMS to a query is the \_\_\_\_. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct1.  **query result set** | | Answers: | Correct1.  query result set | |  | 2.  ad hoc query | |  | 3.  ad hoc response | |  | 4.  integrated view of the data | |  |  |  |

Thursday, December 4, 2014 8:44:39 PM PST

# Review Test Submission: Chapter 2 Exam

## Content

|  |  |
| --- | --- |
| **User** | Adnar Lozano Leon |
| **Course** | 14FAL CIS-61-48109 OL (08/25-12/12) Intro to Database Theory |
| **Test** | Chapter 2 Exam |
| **Started** | 9/17/14 8:05 PM |
| **Submitted** | 9/17/14 8:40 PM |
| **Due Date** | 10/2/14 11:59 PM |
| **Status** | Completed |
| **Attempt Score** | 50 out of 50 points |
| **Time Elapsed** | 35 minutes. |
| **Instructions** |  |

### Question 1

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | A(n) \_\_\_\_ is bidirectional. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct4.  relationship | | Correct Answer: | Correct4.  relationship | |  |  |  |

### Question 2

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | In the \_\_\_\_ model, each parent can have many children, but each child has only one parent. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct1.  hierarchical | | Correct Answer: | Correct1.  hierarchical | |  |  |  |

### Question 3

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | One of the limitations of the \_\_\_\_ model was that there were no implementation standards. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct2.  hierarchical | | Correct Answer: | Correct2.  hierarchical | |  |  |  |

### Question 4

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | In the \_\_\_\_ model, the basic logical structure is represented as an upside-down tree. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct4.  hierarchical | | Correct Answer: | Correct4.  hierarchical | |  |  |  |

### Question 5

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | A(n) \_\_\_\_ represents a particular type of object in the real world. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct3.  entity | | Correct Answer: | Correct3.  entity | |  |  |  |

### Question 6

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | In an SQL-based relational database, rows in different tables are related based on common values in common attributes. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct1.  True | | Correct Answer: | Correct1.  True | |  |  |  |

### Question 7

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Each row in the relational table is known as an entity instance or entity occurrence in the ER model. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct2.  True | | Correct Answer: | Correct2.  True | |  |  |  |

### Question 8

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | \_\_\_\_ are normally expressed in the form of rules. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct1.  Constraints | | Correct Answer: | Correct1.  Constraints | |  |  |  |

### Question 9

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Business rules are derived from \_\_\_\_. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct4.  a detailed description of an organization’s operations | | Correct Answer: | Correct4.  a detailed description of an organization’s operations | |  |  |  |

### Question 10

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Data modeling starts with a very complex representation, and as knowledge of the problem is gained, the model is simplified. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct2.  False | | Correct Answer: | Correct2.  False | |  |  |  |

### Question 11

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | A noun in a business rule translates to a(n) \_\_\_\_ in the data model. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct3.  entity | | Correct Answer: | Correct3.  entity | |  |  |  |

### Question 12

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Within the database environment, a data model represents data structures with the purpose of supporting a specific problem domain. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct1.  True | | Correct Answer: | Correct1.  True | |  |  |  |

### Question 13

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The focus on effective Internet interfacing makes the underlying data model more important to the end user. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct1.  False | | Correct Answer: | Correct1.  False | |  |  |  |

### Question 14

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Oracle 10g is an example of a(n) \_\_\_\_. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct3.  XML data model | | Correct Answer: | Correct3.  XML data model | |  |  |  |

### Question 15

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The hierarchical model is software-independent. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct2.  False | | Correct Answer: | Correct2.  False | |  |  |  |

### Question 16

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | VMS/VSAM is an example of a(n) \_\_\_\_. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct3.  file system data model | | Correct Answer: | Correct3.  file system data model | |  |  |  |

### Question 17

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | An implementation-ready data model should contain a description of the data structure that will store the end-user data. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct2.  True | | Correct Answer: | Correct2.  True | |  |  |  |

### Question 18

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | In the \_\_\_\_ model, the user perceives the database as a collection of records in 1:M relationships, where each record can have more than one parent. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct3.  network | | Correct Answer: | Correct3.  network | |  |  |  |

### Question 19

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | A(n) \_\_\_\_ is a restriction placed on the data. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct1.  constraint | | Correct Answer: | Correct1.  constraint | |  |  |  |

### Question 20

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The hierarchical data model was developed in the \_\_\_\_. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct4.  1960s | | Correct Answer: | Correct4.  1960s | |  |  |  |

### Question 21

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | \_\_\_\_ are important to ensure data integrity. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct4.  Constraints | | Correct Answer: | Correct4.  Constraints | |  |  |  |

### Question 22

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | A manager and a programmer usually have the same view of the same data. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct1.  False | | Correct Answer: | Correct1.  False | |  |  |  |

### Question 23

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Which of the following is true of business rules? |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct2.  They enable communication between the users and designers. | | Correct Answer: | Correct2.  They enable communication between the users and designers. | |  |  |  |

### Question 24

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The network model has structural level dependency. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct2.  True | | Correct Answer: | Correct2.  True | |  |  |  |

### Question 25

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The \_\_\_\_ model is said to be a semantic data model. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct1.  object-oriented | | Correct Answer: | Correct1.  object-oriented | |  |  |  |

Thursday, December 4, 2014 8:56:15 PM PST

# Review Test Submission: Chapter 3 Exam

## Content

|  |  |
| --- | --- |
| **User** | Adnar Lozano Leon |
| **Course** | 14FAL CIS-61-48109 OL (08/25-12/12) Intro to Database Theory |
| **Test** | Chapter 3 Exam |
| **Started** | 9/17/14 8:45 PM |
| **Submitted** | 9/17/14 9:29 PM |
| **Due Date** | 10/9/14 11:59 PM |
| **Status** | Completed |
| **Attempt Score** | 50 out of 50 points |
| **Time Elapsed** | 44 minutes. |
| **Instructions** |  |

### Question 1

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | \_\_\_\_ relational type is the “relational ideal.” |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct2.  1:M | | Correct Answer: | Correct2.  1:M | |  |  |  |

### Question 2

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Each table in a relational database must have a primary key. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct2.  True | | Correct Answer: | Correct2.  True | |  |  |  |

### Question 3

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The equijoin takes its name from the comparison operator \_\_\_\_ used in the condition. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct2.  = | | Correct Answer: | Correct2.  = | |  |  |  |

### Question 4

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The \_\_\_\_ is actually a system-created database whose tables store the user/designer-created database characteristics and contents. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct2.  system catalog | | Correct Answer: | Correct2.  system catalog | |  |  |  |

### Question 5

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | A(n) \_\_\_\_ is perceived as a two-dimensional structure composed of rows and columns. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct3.  table | | Correct Answer: | Correct3.  table | |  |  |  |

### Question 6

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Since it is used to link the tables that originally were related in a M:N relationship, the composite entity structure includes—as foreign keys—at least the \_\_\_\_ keys of the tables that are to be linked. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct4.  primary | | Correct Answer: | Correct4.  primary | |  |  |  |

### Question 7

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | In an outer join, the matched pairs would be retained and any unmatched values in the other table would be left \_\_\_\_. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct2.  null | | Correct Answer: | Correct2.  null | |  |  |  |

### Question 8

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | \_\_\_\_ combines all rows from two tables, excluding duplicate rows. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct1.  UNION | | Correct Answer: | Correct1.  UNION | |  |  |  |

### Question 9

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Depending on the sophistication of the application development software, nulls can create problems when functions such as COUNT, AVERAGE, and SUM are used. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct2.  True | | Correct Answer: | Correct2.  True | |  |  |  |

### Question 10

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Character data can contain any character or symbol intended for mathematical manipulation. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct2.  False | | Correct Answer: | Correct2.  False | |  |  |  |

### Question 11

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The attribute B is \_\_\_\_ the attribute A if each value in column A determines one and only one value in column B. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct4.  functionally dependent on | | Correct Answer: | Correct4.  functionally dependent on | |  |  |  |

### Question 12

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The order of the rows and columns is important to the DBMS. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct2.  False | | Correct Answer: | Correct2.  False | |  |  |  |

### Question 13

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The \_\_\_\_ constraint can be placed on a column to ensure that every row in the table has a value for that column. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct1.  NOT NULL | | Correct Answer: | Correct1.  NOT NULL | |  |  |  |

### Question 14

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | In a database context, the word \_\_\_\_indicates the use of the same attribute name to label different attributes. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct2.  homonym | | Correct Answer: | Correct2.  homonym | |  |  |  |

### Question 15

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Numeric data are data on which you can perform meaningful arithmetic procedures. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct2.  True | | Correct Answer: | Correct2.  True | |  |  |  |

### Question 16

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | DBMSs use indexes for many different purposes. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct1.  True | | Correct Answer: | Correct1.  True | |  |  |  |

### Question 17

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | There is never a good reason to use null values in a database. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct2.  False | | Correct Answer: | Correct2.  False | |  |  |  |

### Question 18

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | A(n) \_\_\_\_ is an ordered arrangement of keys and pointers. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct3.  index | | Correct Answer: | Correct3.  index | |  |  |  |

### Question 19

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | A(n) \_\_\_\_ join links tables by selecting only the rows with common values in their common attribute(s). |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct1.  natural | | Correct Answer: | Correct1.  natural | |  |  |  |

### Question 20

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Referential and entity integrity are two names for the same thing. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct1.  False | | Correct Answer: | Correct1.  False | |  |  |  |

### Question 21

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | A 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. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct4.  entity | | Correct Answer: | Correct4.  entity | |  |  |  |

### Question 22

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | All primary key entries are unique, and no part of a primary key may be \_\_\_\_. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct4.  null | | Correct Answer: | Correct4.  null | |  |  |  |

### Question 23

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Controlled \_\_\_\_ makes a relational database work. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct4.  redundancy | | Correct Answer: | Correct4.  redundancy | |  |  |  |

### Question 24

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | No data entry at all is known as a(n) \_\_\_\_. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct2.  null | | Correct Answer: | Correct2.  null | |  |  |  |

### Question 25

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The relational model’s creator, E. F. Codd, used the term relation as a synonym for \_\_\_\_. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct3.  table | | Correct Answer: | Correct3.  table | |  |  |  |

Thursday, December 4, 2014 8:57:22 PM PST

# Review Test Submission: Chapter 4 Exam

## Content

|  |  |
| --- | --- |
| **User** | Adnar Lozano Leon |
| **Course** | 14FAL CIS-61-48109 OL (08/25-12/12) Intro to Database Theory |
| **Test** | Chapter 4 Exam |
| **Started** | 10/15/14 10:09 PM |
| **Submitted** | 10/15/14 10:59 PM |
| **Due Date** | 10/16/14 11:59 PM |
| **Status** | Completed |
| **Attempt Score** | 50 out of 50 points |
| **Time Elapsed** | 50 minutes. |
| **Instructions** |  |

### Question 1

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | A composite key is a primary key composed of more than one attribute. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct2.  True | | Correct Answer: | Correct2.  True | |  |  |  |

### Question 2

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | A \_\_\_\_ entity is composed of the primary keys of each of the entities to be connected. |  |  |  |
| |  |  | | --- | --- | | Selected Answers: | Correct1.  bridge | |  | Correct4.  composite | | Correct Answers: | Correct1.  bridge | |  | Correct4.  composite | |  |  |  |

### Question 3

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | All entity relationships can be characterized as weak or strong. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct1.  True | | Correct Answer: | Correct1.  True | |  |  |  |

### Question 4

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | A derived attribute \_\_\_\_. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct2.  need not be physically stored within the database | | Correct Answer: | Correct2.  need not be physically stored within the database | |  |  |  |

### Question 5

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The DBMS can easily handle multivalued attributes. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct2.  False | | Correct Answer: | Correct2.  False | |  |  |  |

### Question 6

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Database designers must obtain a precise description of the nature of the data and the many uses of such data within an organization. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct2.  True | | Correct Answer: | Correct2.  True | |  |  |  |

### Question 7

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The bridge entity is known as a \_\_\_\_ entity. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct1.  composite | | Correct Answer: | Correct1.  composite | |  |  |  |

### Question 8

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The set of possible values for an attribute is a \_\_\_\_. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct4.  domain | | Correct Answer: | Correct4.  domain | |  |  |  |

### Question 9

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The ER model refers to a specific table row as an entity instance. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct2.  True | | Correct Answer: | Correct2.  True | |  |  |  |

### Question 10

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The existence of a(n) \_\_\_\_ relationship indicates that the minimum cardinality is 1 for the mandatory entity. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct4.  mandatory | | Correct Answer: | Correct4.  mandatory | |  |  |  |

### Question 11

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The step,\_\_\_\_, occurs first in the process of building an ERD. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct2.  Create a detailed narrative of the organization’s description of operations. | | Correct Answer: | Correct2.  Create a detailed narrative of the organization’s description of operations. | |  |  |  |

### Question 12

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | \_\_\_\_ attributes can have several values. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct3.  Multivalued | | Correct Answer: | Correct3.  Multivalued | |  |  |  |

### Question 13

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | A \_\_\_\_ key is a key that consists of more than one attribute. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct2.  composite | | Correct Answer: | Correct2.  composite | |  |  |  |

### Question 14

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Knowing the \_\_\_\_ number of entity occurrences is very helpful at the application software level. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct1.  maximum and minimum | | Correct Answer: | Correct1.  maximum and minimum | |  |  |  |

### Question 15

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | A \_\_\_\_ relationship exists when three entities are associated. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct4.  ternary | | Correct Answer: | Correct4.  ternary | |  |  |  |

### Question 16

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The Chen model is especially useful to illustrate some of the conceptual elements of database design. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct1.  True | | Correct Answer: | Correct1.  True | |  |  |  |

### Question 17

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | In an ER diagram, primary keys are indicated by \_\_\_\_. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct3.  underlining | | Correct Answer: | Correct3.  underlining | |  |  |  |

### Question 18

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The Crow’s foot symbol with two parallel lines indicates \_\_\_\_ cardinality. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct3.  (1,1) | | Correct Answer: | Correct3.  (1,1) | |  |  |  |

### Question 19

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Another word for existence-independent is \_\_\_\_. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct1.  strong | | Correct Answer: | Correct1.  strong | |  |  |  |

### Question 20

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | When the PK of one entity does not contain the PK of a related entity, the relationship is \_\_\_\_. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct4.  weak | | Correct Answer: | Correct4.  weak | |  |  |  |

### Question 21

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | If an entity’s existence depends on the existence of one or more other entities, it is said to be \_\_\_\_-dependent. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct1.  existence | | Correct Answer: | Correct1.  existence | |  |  |  |

### Question 22

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Ideally, a primary key is composed of several attributes. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct1.  False | | Correct Answer: | Correct1.  False | |  |  |  |

### Question 23

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The following,\_\_\_\_, might be represented with a single-valued attribute. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct4.  Person’s social security number | | Correct Answer: | Correct4.  Person’s social security number | |  |  |  |

### Question 24

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The ideal number of attributes used to make up a primary key is \_\_\_\_. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct3.  one | | Correct Answer: | Correct3.  one | |  |  |  |

### Question 25

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The ERD is used to graphically represent the \_\_\_\_ database model. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct4.  conceptual | | Correct Answer: | Correct4.  conceptual | |  |  |  |

Thursday, December 4, 2014 8:58:59 PM PST

# Review Test Submission: Chapter 5 Exam

## Content

|  |  |
| --- | --- |
| **User** | Adnar Lozano Leon |
| **Course** | 14FAL CIS-61-48109 OL (08/25-12/12) Intro to Database Theory |
| **Test** | Chapter 5 Exam |
| **Started** | 10/22/14 7:41 PM |
| **Submitted** | 10/22/14 8:21 PM |
| **Due Date** | 10/23/14 11:59 PM |
| **Status** | Completed |
| **Attempt Score** | 50 out of 50 points |
| **Time Elapsed** | 39 minutes. |
| **Instructions** |  |

### Question 1

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Converting a database format from 1NF to 2NF is a complex process. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct1.  False | | Correct Answer: | Correct1.  False | |  |  |  |

### Question 2

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Some very specialized applications may require normalization beyond the \_\_\_\_. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct1.  4NF | | Correct Answer: | Correct1.  4NF | |  |  |  |

### Question 3

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | A table is in 2NF if it is in 1NF and it includes no partial dependencies. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct1.  True | | Correct Answer: | Correct1.  True | |  |  |  |

### Question 4

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | In order to meet performance requirements, you may have to denormalize portions of the database design. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct1.  True | | Correct Answer: | Correct1.  True | |  |  |  |

### Question 5

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Repeating groups must be eliminated by making sure that each row defines a single entity. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct2.  True | | Correct Answer: | Correct2.  True | |  |  |  |

### Question 6

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Granularity refers to \_\_\_\_. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct1.  the level of detail represented by the values stored in a table's row | | Correct Answer: | Correct1.  the level of detail represented by the values stored in a table's row | |  |  |  |

### Question 7

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | A table that displays data redundancies yields \_\_\_\_. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct2.  anomalies | | Correct Answer: | Correct2.  anomalies | |  |  |  |

### Question 8

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Given the table EMP\_PROJ (PROJ\_NUM, EMP\_NUM, PROJ\_NAME, EMP\_NAME, JOB\_CLASS, CHG\_HOURS, HOURS),  of the following,\_\_\_\_, is a partial dependency. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct3.  PROJ\_NUM --> PROJ\_NAME | | Correct Answer: | Correct3.  PROJ\_NUM --> PROJ\_NAME | |  |  |  |

### Question 9

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Most designers consider the BCNF as a special case of the \_\_\_\_. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct4.  3NF | | Correct Answer: | Correct4.  3NF | |  |  |  |

### Question 10

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Repeating groups must be eliminated by making sure that each column defines a single entity. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct1.  False | | Correct Answer: | Correct1.  False | |  |  |  |

### Question 11

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Normalization works through a series of stages called normal forms. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct1.  True | | Correct Answer: | Correct1.  True | |  |  |  |

### Question 12

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Normalization purity is easy to sustain in the modern database environment. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct2.  False | | Correct Answer: | Correct2.  False | |  |  |  |

### Question 13

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | For most business transactional databases, we should normalize relations into \_\_\_\_. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct4.  3NF | | Correct Answer: | Correct4.  3NF | |  |  |  |

### Question 14

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Normalization is a very important database design ingredient and the highest level is always the most desirable. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct1.  False | | Correct Answer: | Correct1.  False | |  |  |  |

### Question 15

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | In a real-world environment, we must strike a balance between design integrity and \_\_\_\_. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct2.  flexibility | | Correct Answer: | Correct2.  flexibility | |  |  |  |

### Question 16

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The advantage of higher processing speed must be carefully weighed against the disadvantage of data anomalies. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct1.  True | | Correct Answer: | Correct1.  True | |  |  |  |

### Question 17

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Normalization represents a micro view of the \_\_\_\_ within the ERD. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct3.  entities | | Correct Answer: | Correct3.  entities | |  |  |  |

### Question 18

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | \_\_\_\_ is not a valid normal form. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct4.  MVNF | | Correct Answer: | Correct4.  MVNF | |  |  |  |

### Question 19

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Data redundancies are caused by the fact that every row entry requires duplication of data. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct2.  True | | Correct Answer: | Correct2.  True | |  |  |  |

### Question 20

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Normalization produces a lower normal form. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct2.  False | | Correct Answer: | Correct2.  False | |  |  |  |

### Question 21

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Normalization works through a series of stages called normal forms. Typically \_\_\_\_ stages are processed. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct2.  three | | Correct Answer: | Correct2.  three | |  |  |  |

### Question 22

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | From a structural point of view, 2NF is better than \_\_\_\_. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct2.  1NF | | Correct Answer: | Correct2.  1NF | |  |  |  |

### Question 23

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | When designing a database, you should \_\_\_\_. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct2.  make sure entities are in normal form before table structures are created | | Correct Answer: | Correct2.  make sure entities are in normal form before table structures are created | |  |  |  |

### Question 24

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | To generate a surrogate key, Microsoft Access uses a(n) \_\_\_\_ data type. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct3.  AutoNumber | | Correct Answer: | Correct3.  AutoNumber | |  |  |  |

### Question 25

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | An attribute that is part of a key is known as a(n) \_\_\_\_ attribute. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct3.  prime | | Correct Answer: | Correct3.  prime | |  |  |  |

Thursday, December 4, 2014 9:00:03 PM PST

# Review Test Submission: Chapter 7 Exam

## Content

|  |  |
| --- | --- |
| **User** | Adnar Lozano Leon |
| **Course** | 14FAL CIS-61-48109 OL (08/25-12/12) Intro to Database Theory |
| **Test** | Chapter 7 Exam |
| **Started** | 10/29/14 11:06 PM |
| **Submitted** | 10/29/14 11:36 PM |
| **Due Date** | 10/30/14 11:59 PM |
| **Status** | Completed |
| **Attempt Score** | 50 out of 50 points |
| **Time Elapsed** | 30 minutes. |
| **Instructions** |  |

### Question 1

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The CHECK clause is used to define a condition for the values that the attribute domain cannot have. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct2.  False | | Correct Answer: | Correct2.  False | |  |  |  |

### Question 2

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | To delete a row from the PRODUCT table, use the \_\_\_\_ command. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct1.  DELETE | | Correct Answer: | Correct1.  DELETE | |  |  |  |

### Question 3

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The \_\_\_\_ special operator is used to check whether an attribute value is null. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct1.  IS NULL | | Correct Answer: | Correct1.  IS NULL | |  |  |  |

### Question 4

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The ANSI prescribes a standard SQL–the most recent version is known as SQL-07. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct2.  False | | Correct Answer: | Correct2.  False | |  |  |  |

### Question 5

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Most SQL implementations yield case-insensitive searches. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct1.  False | | Correct Answer: | Correct1.  False | |  |  |  |

### Question 6

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The SQL commands may be issued on a single line, but command sequences are best structured when the SQL command's components are shown on separate and indented lines. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct1.  True | | Correct Answer: | Correct1.  True | |  |  |  |

### Question 7

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The SQL command to output the contents of the Employee table sorted by last name, first name, and initial is \_\_\_\_. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct1.  SELECT EMP\_LNAME, EMP\_FNAME, EMP\_INITIAL, EMP\_AREACODE, EMP\_PHONE       FROM EMPLOYEE             ORDER BY EMP\_LNAME, EMP\_FNAME, EMP\_INITIAL; | | Correct Answer: | Correct1.  SELECT EMP\_LNAME, EMP\_FNAME, EMP\_INITIAL, EMP\_AREACODE, EMP\_PHONE       FROM EMPLOYEE             ORDER BY EMP\_LNAME, EMP\_FNAME, EMP\_INITIAL; | |  |  |  |

### Question 8

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | A(n) \_\_\_\_ is an alternate name given to a column or table in any SQL statement. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct2.  alias | | Correct Answer: | Correct2.  alias | |  |  |  |

### Question 9

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The conditional LIKE must be used in conjunction with wildcard characters. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct1.  True | | Correct Answer: | Correct1.  True | |  |  |  |

### Question 10

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Date procedures are often more software-specific than most other SQL procedures. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct2.  True | | Correct Answer: | Correct2.  True | |  |  |  |

### Question 11

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | SQL is considered hard to learn; its command set has a vocabulary of more than 300 words. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct2.  False | | Correct Answer: | Correct2.  False | |  |  |  |

### Question 12

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The \_\_\_\_  command would be used to delete the table row where the P\_Code = '2238/QPD'. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct4.  DELETE FROM PRODUCT       WHERE P\_CODE = '2238/QPD'; | | Correct Answer: | Correct4.  DELETE FROM PRODUCT       WHERE P\_CODE = '2238/QPD'; | |  |  |  |

### Question 13

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | A database language enables the user to perform complex queries designed to transform the raw data into useful information. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct2.  True | | Correct Answer: | Correct2.  True | |  |  |  |

### Question 14

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Since computers identify all characters by their numeric codes, mathematical operators cannot be used to place restrictions on character-based attributes. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct1.  False | | Correct Answer: | Correct1.  False | |  |  |  |

### Question 15

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The command to join the P\_DESCRIPT and P\_PRICE fields from the PRODUCT table and the V\_NAME, V\_AREACODE, V\_PHONE, and V\_CONTACT fields from the VENDOR table where the value of V\_CODE match is \_\_\_\_. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct1.  SELECT P\_DESCRIPT, P\_PRICE, V\_NAME, V\_CONTACT, V\_AREACODE, V\_PHONE       FROM PRODUCT, VENDOR               WHERE PRODUCT.V\_CODE = VENDOR.V\_CODE; | | Correct Answer: | Correct1.  SELECT P\_DESCRIPT, P\_PRICE, V\_NAME, V\_CONTACT, V\_AREACODE, V\_PHONE       FROM PRODUCT, VENDOR               WHERE PRODUCT.V\_CODE = VENDOR.V\_CODE; | |  |  |  |

### Question 16

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The special operator used to check for similar character strings is \_\_\_\_. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct2.  LIKE | | Correct Answer: | Correct2.  LIKE | |  |  |  |

### Question 17

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Any changes made to the contents of a table are not physically saved on disk until you use the SAVE <table name> command. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct1.  False | | Correct Answer: | Correct1.  False | |  |  |  |

### Question 18

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The \_\_\_\_  command uses columns and column aliases to determine the total value of inventory held on hand and to display the results in a column labeled TotValue. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct2.  SELECT P\_DESCRIPT, P\_QOH, P\_PRICE, P\_QOH\*P\_PRICE AS TOTVALUE         FROM PRODUCT; | | Correct Answer: | Correct2.  SELECT P\_DESCRIPT, P\_QOH, P\_PRICE, P\_QOH\*P\_PRICE AS TOTVALUE         FROM PRODUCT; | |  |  |  |

### Question 19

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | To join tables, simply enumerate the tables in the FROM clause of the SELECT statement.  The DBMS will create a Cartesian product of every table in the FROM clause. To get the correct results, you need to select the rows in which the common attributes do not match. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct2.  False | | Correct Answer: | Correct2.  False | |  |  |  |

### Question 20

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Before the COMMIT command is used, you can retrieve deleted records by using the \_\_\_\_ command. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct2.  ROLLBACK | | Correct Answer: | Correct2.  ROLLBACK | |  |  |  |

### Question 21

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The \_\_\_\_ command is used to select partial table contents. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct2.  SELECT <column(s)>      FROM <Table name>           WHERE <Conditions>; | | Correct Answer: | Correct2.  SELECT <column(s)>      FROM <Table name>           WHERE <Conditions>; | |  |  |  |

### Question 22

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | SQL requires the use of the ADD command to enter data into a table. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct1.  False | | Correct Answer: | Correct1.  False | |  |  |  |

### Question 23

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The \_\_\_\_  command is used to restore the table’s contents to their previous values. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct2.  ROLLBACK; | | Correct Answer: | Correct2.  ROLLBACK; | |  |  |  |

### Question 24

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The SQL command that modifies an attribute*’*s values in one or more table*’*s rows \_\_\_\_. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct4.  UPDATE | | Correct Answer: | Correct4.  UPDATE | |  |  |  |

### Question 25

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Oracle users can use the Access QBE (query by example) query generator. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct1.  False | | Correct Answer: | Correct1.  False | |  |  |  |

Thursday, December 4, 2014 9:01:51 PM PST

# Review Test Submission: Chapter 9 Exam

## Content

|  |  |
| --- | --- |
| **User** | Adnar Lozano Leon |
| **Course** | 14FAL CIS-61-48109 OL (08/25-12/12) Intro to Database Theory |
| **Test** | Chapter 9 Exam |
| **Started** | 11/5/14 11:27 PM |
| **Submitted** | 11/5/14 11:47 PM |
| **Due Date** | 11/6/14 11:59 PM |
| **Status** | Completed |
| **Attempt Score** | 50 out of 50 points |
| **Time Elapsed** | 20 minutes. |
| **Instructions** |  |

### Question 1

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | “What are the requirements of the current system’s end users?”is a question asked during the \_\_\_\_ phase of the SDLC. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct3.  analysis | | Correct Answer: | Correct3.  analysis | |  |  |  |

### Question 2

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | User requirements, existing system evaluation, and logical system design are part of the \_\_\_\_ phase of the SDLC. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct3.  analysis | | Correct Answer: | Correct3.  analysis | |  |  |  |

### Question 3

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The implementation phase of database design includes creating the database storage structure and loading the database, but does not provide for data management. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct1.  False | | Correct Answer: | Correct1.  False | |  |  |  |

### Question 4

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Decentralized design is typical of relatively simple and/or small databases and can be successfully done by a single person. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct1.  False | | Correct Answer: | Correct1.  False | |  |  |  |

### Question 5

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Coding, testing, and debugging are part of the \_\_\_\_ phase of the SDLC. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct4.  implementation | | Correct Answer: | Correct4.  implementation | |  |  |  |

### Question 6

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Because every request for structural changes requires retracing the SDLC steps, the system is always at some stage of the SDLC. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct2.  True | | Correct Answer: | Correct2.  True | |  |  |  |

### Question 7

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The first step in the DBLC is \_\_\_\_. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct1.  database initial study | | Correct Answer: | Correct1.  database initial study | |  |  |  |

### Question 8

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Producing the required information flow is part of the \_\_\_\_ phase of the DBLC. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct3.  operation | | Correct Answer: | Correct3.  operation | |  |  |  |

### Question 9

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The initial assessment and the feasibility study are part of the SDLC's \_\_\_\_ phase of the SDLC. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct3.  planning | | Correct Answer: | Correct3.  planning | |  |  |  |

### Question 10

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The traditional SDLC is divided into \_\_\_\_ phases. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct1.  five | | Correct Answer: | Correct1.  five | |  |  |  |

### Question 11

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Analyzing the company situation is part of the \_\_\_\_ phase of the DBLC. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct2.  database initial study | | Correct Answer: | Correct2.  database initial study | |  |  |  |

### Question 12

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The SDLCtraces the history of an information system. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct2.  True | | Correct Answer: | Correct2.  True | |  |  |  |

### Question 13

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The testing and evaluation phase occurs after applications programming. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct2.  False | | Correct Answer: | Correct2.  False | |  |  |  |

### Question 14

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The design of the system’s processes is completed during the \_\_\_\_ phase of the SDLC. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct2.  detailed systems design | | Correct Answer: | Correct2.  detailed systems design | |  |  |  |

### Question 15

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The database is loaded during the \_\_\_\_ phase of the SDLC. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct4.  implementation | | Correct Answer: | Correct4.  implementation | |  |  |  |

### Question 16

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The process of creating an information system is known as \_\_\_\_ development. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct1.  systems | | Correct Answer: | Correct1.  systems | |  |  |  |

### Question 17

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The conceptual design steps that identifies main processes: insert, update, and delete rules is \_\_\_\_. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct2.  Data-model verification | | Correct Answer: | Correct2.  Data-model verification | |  |  |  |

### Question 18

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | \_\_\_\_ coupling describes the extent to which modules are independent of one another. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct4.  Module | | Correct Answer: | Correct4.  Module | |  |  |  |

### Question 19

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Creating the conceptual design and selecting DBMS software are part of the \_\_\_\_ phase of the DBLC. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct2.  database design | | Correct Answer: | Correct2.  database design | |  |  |  |

### Question 20

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The \_\_\_\_ design is the process of selecting the data storage and data access characteristics of the database. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct3.  physical | | Correct Answer: | Correct3.  physical | |  |  |  |

### Question 21

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The first step in the ER model verification process is to \_\_\_\_. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct1.  identify the ER model's central entity | | Correct Answer: | Correct1.  identify the ER model's central entity | |  |  |  |

### Question 22

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | There are \_\_\_\_ classical approaches to database design. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct1.  two | | Correct Answer: | Correct1.  two | |  |  |  |

### Question 23

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | After testing is concluded, end-user training is not necessary. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct2.  False | | Correct Answer: | Correct2.  False | |  |  |  |

### Question 24

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Training principles and methodologies are planned during the implementation phase. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct1.  False | | Correct Answer: | Correct1.  False | |  |  |  |

### Question 25

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | During decentralized design, after the \_\_\_\_ process has been completed, all modules are integrated into one conceptual model. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct2.  verification | | Correct Answer: | Correct2.  verification | |  |  |  |

Thursday, December 4, 2014 9:02:28 PM PST

# Review Test Submission: Chapter 13 Exam

## Content

|  |  |
| --- | --- |
| **User** | Adnar Lozano Leon |
| **Course** | 14FAL CIS-61-48109 OL (08/25-12/12) Intro to Database Theory |
| **Test** | Chapter 13 Exam |
| **Started** | 11/20/14 2:12 PM |
| **Submitted** | 11/20/14 3:08 PM |
| **Due Date** | 11/20/14 11:59 PM |
| **Status** | Completed |
| **Attempt Score** | 48 out of 50 points |
| **Time Elapsed** | 55 minutes. |
| **Instructions** |  |

### Question 1

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Had \_\_\_\_ been as pivotal to business operations a few years back, crises precipitated by the likes of Enron, WorldCom, and Arthur Andersen might have been avoided. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct2.  governance | | Correct Answer: | Correct2.  governance | |  |  |  |

### Question 2

0 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Data warehouse data are organized and summarized by table, such as CUSTOMER and ADDRESS. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect2.  True | | Correct Answer: | Correct1.  False | |  |  |  |

### Question 3

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Conceptually, MDBMS end users visualize the stored data as a three-dimensional cube known as a \_\_\_\_. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct2.  data cube | | Correct Answer: | Correct2.  data cube | |  |  |  |

### Question 4

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Monitoring results to evaluate outcomes of the business decisions is outside the scope of BI. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct2.  False | | Correct Answer: | Correct2.  False | |  |  |  |

### Question 5

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | A characteristic of decision support data is \_\_\_\_. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct4.  High query activity | | Correct Answer: | Correct4.  High query activity | |  |  |  |

### Question 6

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | A \_\_\_\_ schema is a type of star schema in which the dimension tables can have their own dimension tables. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct2.  snowflake | | Correct Answer: | Correct2.  snowflake | |  |  |  |

### Question 7

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | In a typical star schema, each dimension record is related to thousands of \_\_\_\_ records. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct2.  fact | | Correct Answer: | Correct2.  fact | |  |  |  |

### Question 8

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | One of the main characteristics of an OLAP system is \_\_\_\_ . |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct1.  They support client/server architecture | | Correct Answer: | Correct1.  They support client/server architecture | |  |  |  |

### Question 9

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The reliance on \_\_\_\_ as the design methodology for relational databases is seen as a stumbling block to its use in OLAP systems. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct1.  normalization | | Correct Answer: | Correct1.  normalization | |  |  |  |

### Question 10

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | A MOLAP system stores data in an MDBMS, using proprietary \_\_\_\_ and array technology to simulate the multidimensional cube. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct2.  matrix | | Correct Answer: | Correct2.  matrix | |  |  |  |

### Question 11

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Multidimensional data analysis techniques include advanced computational functions. These include business-oriented variables (market share, period comparisons, sales margins, product margins, and percentage changes), financial and accounting ratios (profitability, overhead, cost allocations, and returns), and statistical and forecasting functions. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct2.  True | | Correct Answer: | Correct2.  True | |  |  |  |

### Question 12

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | A(n) \_\_\_\_is a dynamic table that not only contains the SQL query command to generate the rows, but also stores the actual rows. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct3.  materialized view | | Correct Answer: | Correct3.  materialized view | |  |  |  |

### Question 13

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | \_\_\_\_’s main goal is to provide a comprehensive and consistent definition of all data within an organization. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct1.  MDM | | Correct Answer: | Correct1.  MDM | |  |  |  |

### Question 14

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The \_\_\_\_ is in charge of presenting the data to the end user in a variety of ways. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct1.  data visualization tool | | Correct Answer: | Correct1.  data visualization tool | |  |  |  |

### Question 15

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | To tie the KPI to the strategic master plan of an organization, a KPI will be compared to a desired goal within a specific time frame. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct2.  True | | Correct Answer: | Correct2.  True | |  |  |  |

### Question 16

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Once data enter the data warehouse, they are never removed. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct1.  True | | Correct Answer: | Correct1.  True | |  |  |  |

### Question 17

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Implementing BI in an organization involves capturing not only business data (internal and external) but also the \_\_\_\_. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct4.  metadata | | Correct Answer: | Correct4.  metadata | |  |  |  |

### Question 18

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Because a data cube’s dimensions are predefined, all cells are populated. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct1.  False | | Correct Answer: | Correct1.  False | |  |  |  |

### Question 19

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | In a star schema, dimensions are normally stored in \_\_\_\_. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct2.  dimension tables | | Correct Answer: | Correct2.  dimension tables | |  |  |  |

### Question 20

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The \_\_\_\_ contains business data extracted from the operational database and from external data sources. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct4.  data store | | Correct Answer: | Correct4.  data store | |  |  |  |

### Question 21

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | First-generation enterprise data warehouse using RDBMS were implemented using a \_\_\_\_ model. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct4.  star schema | | Correct Answer: | Correct4.  star schema | |  |  |  |

### Question 22

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Fact and dimension tables are related by \_\_\_\_ keys. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct3.  foreign | | Correct Answer: | Correct3.  foreign | |  |  |  |

### Question 23

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Data warehouses usually have one fact table. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct1.  False | | Correct Answer: | Correct1.  False | |  |  |  |

### Question 24

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | ROLAP and MOLAP vendors are working toward the integration of their respective solutions within a unified decision support framework. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct2.  True | | Correct Answer: | Correct2.  True | |  |  |  |

### Question 25

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | A characteristic of operational data is \_\_\_\_. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct1.  Highly normalized | | Correct Answer: | Correct1.  Highly normalized | |  |  |  |

Thursday, December 4, 2014 9:04:51 PM PST

**Review Test Submission: Chapter 14 Exam**

**Content**

|  |  |
| --- | --- |
| **User** | Adnar Lozano Leon |
| **Course** | 14FAL CIS-61-48109 OL (08/25-12/12) Intro to Database Theory |
| **Test** | Chapter 14 Exam |
| **Started** | 11/22/14 8:31 PM |
| **Submitted** | 11/22/14 9:25 PM |
| **Due Date** | 12/4/14 11:59 PM |
| **Status** | Completed |
| **Attempt Score** | 48 out of 50 points |
| **Time Elapsed** | 54 minutes. |
| **Instructions** |  |

* **Question 1**

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Of the following,\_\_\_\_ is the first step in the exchange between a Web browser and a database. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct3.  The Web browser requests a page from a Web server. | | Correct Answer: | Correct3.  The Web browser requests a page from a Web server. | |  |  |  |

* **Question 2**

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | A client-side extension is a program that interacts directly with the Web server to handle specific types of requests. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct1.  False | | Correct Answer: | Correct1.  False | |  |  |  |

* **Question 3**

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | ODBC works on the \_\_\_\_ operating system. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct4.  Windows | | Correct Answer: | Correct4.  Windows | |  |  |  |

* **Question 4**

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | \_\_\_\_ is a higher-level object-oriented application interface used to access remote database servers. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct4.  RDO | | Correct Answer: | Correct4.  RDO | |  |  |  |

* **Question 5**

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The CGI is a newer Web-server interface standard that is much more efficient and faster than a dynamic link library. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct1.  False | | Correct Answer: | Correct1.  False | |  |  |  |

* **Question 6**

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The \_\_\_\_ object is the in-memory representation of the data in the database. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct1.  DataSet | | Correct Answer: | Correct1.  DataSet | |  |  |  |

* **Question 7**

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The creation and management of user interfaces and database connectivity are not affected by the Web's existence. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct2.  False | | Correct Answer: | Correct2.  False | |  |  |  |

* **Question 8**

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Based on Microsoft’s Component Object Model (COM), \_\_\_\_ is database middleware that adds object-oriented functionality for access to relational and nonrelational data. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct2.  OLE-DB | | Correct Answer: | Correct2.  OLE-DB | |  |  |  |

* **Question 9**

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Of the following,\_\_\_\_  is one of the benefits of rapid development at manageable costs for Internet technologies. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct2.  Availability of multiple development tools | | Correct Answer: | Correct2.  Availability of multiple development tools | |  |  |  |

* **Question 10**

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The label “stateless system” indicates that, at any given time, a Web server knows the status of the clients communicating with it. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct2.  False | | Correct Answer: | Correct2.  False | |  |  |  |

* **Question 11**

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The Web has helped create a new information dissemination standard. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct2.  True | | Correct Answer: | Correct2.  True | |  |  |  |

* **Question 12**

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | A feature of a Web application server is \_\_\_\_. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct2.  It provides an integrated development environment with session management and support for persistent application variables. | | Correct Answer: | Correct2.  It provides an integrated development environment with session management and support for persistent application variables. | |  |  |  |

* **Question 13**

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | A(n) \_\_\_\_ file provides the composition of the database’s logical model and defines the syntax rules for an XML document. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct1.  DTD | | Correct Answer: | Correct1.  DTD | |  |  |  |

* **Question 14**

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | When an end user uses a Web browser to dynamically query a database, the client browser actually requests a Web page. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct2.  True | | Correct Answer: | Correct2.  True | |  |  |  |

* **Question 15**

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | A plug-in is \_\_\_\_. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct2.  operating system specific | | Correct Answer: | Correct2.  operating system specific | |  |  |  |

* **Question 16**

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Every XML document has a \_\_\_\_. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct4.  root element | | Correct Answer: | Correct4.  root element | |  |  |  |

* **Question 17**

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Different client browsers are not 100 percent interoperable, thus limiting \_\_\_\_. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct1.  portability | | Correct Answer: | Correct1.  portability | |  |  |  |

* **Question 18**

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Extending the Web server functionality implies that the Web server and the Web-to-database middleware will properly communicate with each other. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct2.  True | | Correct Answer: | Correct2.  True | |  |  |  |

* **Question 19**

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The ODBC API standard defines three levels of compliance: \_\_\_\_, Level-1, and Level-2, which provide increasing levels of functionality. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct2.  Core | | Correct Answer: | Correct2.  Core | |  |  |  |

* **Question 20**

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Another name for a database server-side extension is \_\_\_\_. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct1.  Web-to-database middleware | | Correct Answer: | Correct1.  Web-to-database middleware | |  |  |  |

* **Question 21**

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | A good API makes it easy to develop a program by providing all of the building blocks. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct1.  True | | Correct Answer: | Correct1.  True | |  |  |  |

* **Question 22**

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | \_\_\_\_ is embedded inside an HTML page and is activated by triggering events such as clicking on a link. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct4.  VBScript | | Correct Answer: | Correct4.  VBScript | |  |  |  |

* **Question 23**

0 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The effects of bad database design, implementation, and management are multiplied in an environment in which transactions may be measured in millions per day, rather than in hundreds per day. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect2.  False | | Correct Answer: | Correct1.  True | |  |  |  |

* **Question 24**

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | An API (application programming interface) is defined as a set of routines, protocols, and tools for building software applications. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct1.  True | | Correct Answer: | Correct1.  True | |  |  |  |

* **Question 25**

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The \_\_\_\_is an advanced data definition language that is used to describe the structure (elements, data types, relationship types, ranges, and default values) of XML data documents. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct3.  XML schema | | Correct Answer: | Correct3.  XML schema | |  |  |  |

Friday, December 5, 2014 12:02:36 AM PST

**Review Test Submission: Chapter 15 Exam**

**Content**

|  |  |
| --- | --- |
| **User** | Adnar Lozano Leon |
| **Course** | 14FAL CIS-61-48109 OL (08/25-12/12) Intro to Database Theory |
| **Test** | Chapter 15 Exam |
| **Started** | 11/22/14 10:27 PM |
| **Submitted** | 11/22/14 10:59 PM |
| **Due Date** | 12/4/14 11:59 PM |
| **Status** | Completed |
| **Attempt Score** | 50 out of 50 points |
| **Time Elapsed** | 32 minutes. |
| **Instructions** |  |

* **Question 1**

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | It is common practice to define the DBA function by dividing the DBA operations according to the \_\_\_\_ phases. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct3.  DBLC | | Correct Answer: | Correct3.  DBLC | |  |  |  |

* **Question 2**

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Several DBMS packages contain features that allow the creation of a(n) \_\_\_\_, which automatically records a brief description of the database operations performed by all users. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct1.  audit log | | Correct Answer: | Correct1.  audit log | |  |  |  |

* **Question 3**

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | \_\_\_\_ are written instructions that describe a series of steps to be followed during the performance of a given activity. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct2.  Procedures | | Correct Answer: | Correct2.  Procedures | |  |  |  |

* **Question 4**

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | User-access management is a subset of \_\_\_\_. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct1.  authorization management | | Correct Answer: | Correct1.  authorization management | |  |  |  |

* **Question 5**

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | There must be multiple backups of the same data, and each backup copy must be stored in different locations. The storage sites must be inside and outside the organization. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct1.  True | | Correct Answer: | Correct1.  True | |  |  |  |

* **Question 6**

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The DBA’s \_\_\_\_ role is focused on personnel management and on interactions with the end-user community. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct3.  managerial | | Correct Answer: | Correct3.  managerial | |  |  |  |

* **Question 7**

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Current data distribution philosophy makes it easy for \_\_\_\_end users to access the database. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct1.  authorized | | Correct Answer: | Correct1.  authorized | |  |  |  |

* **Question 8**

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | A(n) \_\_\_\_ planis a set of instructions generated at application completion time that predetermines how the application will access the database at run time. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct1.  access | | Correct Answer: | Correct1.  access | |  |  |  |

* **Question 9**

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Security breaches can yield a database whose integrity is either preserved or corrupted. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct2.  True | | Correct Answer: | Correct2.  True | |  |  |  |

* **Question 10**

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Incremental backups produce a backup of all data. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct2.  True | | Correct Answer: | Correct2.  True | |  |  |  |

* **Question 11**

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | A(n) \_\_\_\_ data dictionary is not updated automatically and usually requires a batch process to be run. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct1.  passive | | Correct Answer: | Correct1.  passive | |  |  |  |

* **Question 12**

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Concurrent backups take place while the user is working on the database. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct1.  True | | Correct Answer: | Correct1.  True | |  |  |  |

* **Question 13**

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The DBA must supervise the installation of all software and hardware designated to support the data administration strategy, must have a thorough understanding of the components being installed, and must be familiar with the installation, configuration, and startup procedures of such components. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct2.  True | | Correct Answer: | Correct2.  True | |  |  |  |

* **Question 14**

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The \_\_\_\_ component of a CASE tool produces the information system’s input/output formats. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct2.  screen painter and report generator | | Correct Answer: | Correct2.  screen painter and report generator | |  |  |  |

* **Question 15**

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | \_\_\_\_ are more detailed and specific than policies and describe the minimum requirements of a given DBA activity. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct4.  Standards | | Correct Answer: | Correct4.  Standards | |  |  |  |

* **Question 16**

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The end user’s technical role requires an understanding of the evaluation, selection, and installation of the DBMS. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct2.  False | | Correct Answer: | Correct2.  False | |  |  |  |

* **Question 17**

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | \_\_\_\_activities cover all tasks directly related to the day-to-day operations of the DBMS and its applications. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct4.  System support | | Correct Answer: | Correct4.  System support | |  |  |  |

* **Question 18**

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Procedures and standards must be revised at least \_\_\_\_ to keep them up-to-date. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct2.  annually | | Correct Answer: | Correct2.  annually | |  |  |  |

* **Question 19**

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Disaster management includes all the end-user activities designed to secure data availability following a physical disaster or a database integrity failure. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct1.  False | | Correct Answer: | Correct1.  False | |  |  |  |

* **Question 20**

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | \_\_\_\_ security breaches include database access by computer viruses and by hackers whose actions are designed to destroy or alter data. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct1.  Corrupting | | Correct Answer: | Correct1.  Corrupting | |  |  |  |

* **Question 21**

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | \_\_\_\_ CASE tools provide support for the planning, analysis, and design phases. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct1.  Front-end | | Correct Answer: | Correct1.  Front-end | |  |  |  |

* **Question 22**

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Training people to use the DBMS and its tools is not included in the DBA’s technical activities. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct2.  False | | Correct Answer: | Correct2.  False | |  |  |  |

* **Question 23**

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | \_\_\_\_ CASE tools provide support for the coding and implementation phases. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct2.  Back-end | | Correct Answer: | Correct2.  Back-end | |  |  |  |

* **Question 24**

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The DBA must audit the use of the data in a database. This can be accomplished by the use of an audit log, which automatically records a brief description of the database operations performed by the users. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct2.  True | | Correct Answer: | Correct2.  True | |  |  |  |

* **Question 25**

2 out of 2 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Using the Oracle \_\_\_\_, it is simple to create a database. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct1.  Database Configuration Assistant | | Correct Answer: | Correct1.  Database Configuration Assistant | |  |  |  |

Friday, December 5, 2014 12:04:24 AM PST