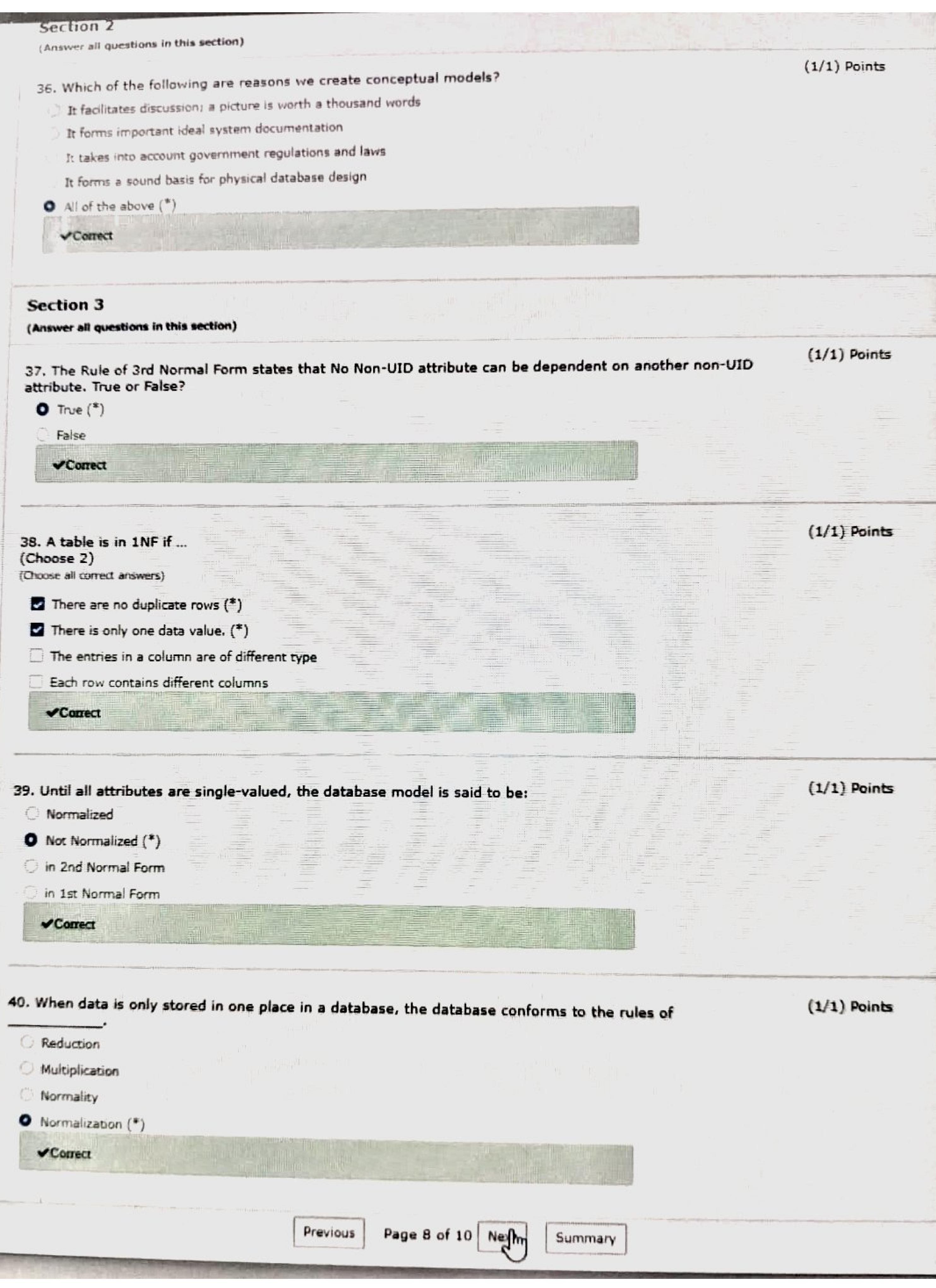
| w your answers, feedback, and question scores below. An asterisk (*) indicates a correct answer. | |
|---|----------------|
| ection 3 | |
| nsiver all questions in this section) | |
| . What do you call the entity created when you resolve a M:M relationship? | (1/1) Poi |
| Inclusion entity | |
| Intersection entity (*) | |
| M:M entity | |
| Recursive entity | |
| ✓ Correct | |
| . A non-transferable relationship means the detail be changed to point to a new master. | (1/1) Po |
| can | |
| can not (*) | |
| sometimes can | |
| DOI: ICONTICE CONT | |
| | |
| ✓Conect | |
| ✓Correct Intersection Entities often have the relationships participating in the UID, so the relationships are red. True or False? True (*) | (1/1) D |
| ✓Correct Intersection Entities often have the relationships participating in the UID, so the relationships are rred. True or False? True (*) | (1/1) D |
| ✓Correct Intersection Entities often have the relationships participating in the UID, so the relationships are rred. True or False? True (*) False | often (1/1) Po |
| ✓Correct Intersection Entities often have the relationships participating in the UID, so the relationships are rred. True or False? True (*) False ✓Correct | often (1/1) Po |
| ✓ Correct Intersection Entities often have the relationships participating in the UID, so the relationships are rred. True or False? True (*) Faise ✓ Correct You can only create relationships to a Supertype, not to a Subtype. True or False? | (1/1) De |
| ✓Correct Intersection Entities often have the relationships participating in the UID, so the relationships are rred. True or False? True (*) False ✓Correct You can only create relationships to a Supertype, not to a Subtype. True or False? True | often (1/1) Po |
| ✓Correct Intersection Entities often have the relationships participating in the UID, so the relationships are red. True or False? True (*) False ✓Correct You can only create relationships to a Supertype, not to a Subtype. True or False? True False (*) | often (1/1) Po |
| ✓Correct Intersection Entities often have the relationships participating in the UID, so the relationships are red. True or False? True (*) False ✓Correct You can only create relationships to a Supertype, not to a Subtype. True or False? True False (*) | often (1/1) Po |
| ✓Correct Intersection Entities often have the relationships participating in the UID, so the relationships are red. True or False? True (*) False ✓Correct You can only create relationships to a Supertype, not to a Subtype. True or False? True False (*) | often (1/1) Po |
| Intersection Entities often have the relationships participating in the UID, so the relationships are rred. True or False? True (*) False ✓ Correct You can only create relationships to a Supertype, not to a Subtype. True or False? True False (*) ✓ Correct | (1/1) Po |
| Intersection Entities often have the relationships participating in the UID, so the relationships are red. True or False? True (*) False ✓ Correct You can only create relationships to a Supertype, not to a Subtype. True or False? True False (*) ✓ Correct | often (1/1) Po |
| ✓ Correct Intersection Entities often have the relationships participating in the UID, so the relationships are red. True or False? True (*) Faise ✓ Correct You can only create relationships to a Supertype, not to a Subtype. True or False? True False (*) ✓ Correct A recursive relationship has cardinality of Cannot be determined without more information. (*) | often (1/1) Po |
| Intersection Entities often have the relationships participating in the UID, so the relationships are red. True or False? True (*) False ✓Correct You can only create relationships to a Supertype, not to a Subtype. True or False? True False (*) ✓Correct A recursive relationship has cardinality of Cannot be determined without more information. (*) One to One | often (1/1) Po |
| Intersection Entities often have the relationships participating in the UID, so the relationships are red. True or False? True (*) False ✓Correct You can only create relationships to a Supertype, not to a Subtype. True or False? True False (*) ✓Correct A recursive relationship has cardinality of Cannot be determined without more information. (*) One to One Many to Many | often (1/1) Po |
| Intersection Entities often have the relationships participating in the UID, so the relationships are rired. True or False? True (*) False Correct You can only create relationships to a Supertype, not to a Subtype. True or False? True False (*) Correct A recursive relationship has cardinality of Cannot be determined without more information. (*) One to One Many to Many One to Many | often (1/1) Po |
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| Answer all questions in this section) | (1/1) Points |
|--|-----------------------|
| Sources of business rules include all of the following except: | (1/1/7011)3 |
| Procedures | |
| O Standards | |
| Operational manuals | |
| O Word of mouth (*) | |
| ✓Correct | |
| . Modeling historical data is optional. True or False? | (1/1) Points |
| True (*) | |
| False | |
| ✓ Correct | |
| | |
| | |
| | (1/1) Points |
| An entity name is converted to a table name by making it plural. True (*) | |
| | |
| | |
| ✓ Correct | |
| | |
| | |
| When mapping a barred relationship a primary key and foreign key can be the san | e field. (1/1) Points |
| True (*) | |
| False | |
| ✔Correct | |
| | |
| | |
| | (+ /+) |
| Table names can contain all of the following except: | (1/1) Points |
| Some special characters | |
| Spaces (*) | |
| | |
| Letters | |
| Letters Numbers | |
| | |
| Numbers | |
| /Correct | |
| Numbers | |



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| Section 2 | |
|--|------------|
| Answer all questions in this section) | |
| 6. Which of the following are reasons we create conceptual models? | (1/1) Poin |
| It facilitates discussion; a picture is worth a thousand words | |
| It forms important ideal system documentation | |
| It takes into account government regulations and laws | |
| It forms a sound basis for physical database design | |
| All of the above (*) | |
| ✓ Correct | |
| ection 3 nswer all questions in this section) | |
| . The Rule of 3rd Normal Form states that No Non-UID attribute can be dependent on another non-UID ribute. True or False? | (1/1) Poir |
| True (*) | |
| False | |
| ✓Correct | |
| A table is in 1NF if | (1/1) Poin |
| There are no duplicate rows (*) There is only one data value. (*) The entries in a column are of different type | |
| There are no duplicate rows (*) There is only one data value. (*) The entries in a column are of different type Each row contains different columns | |
| ose all correct answers) There are no duplicate rows (*) There is only one data value. (*) The entries in a column are of different type | |
| There are no duplicate rows (*) There is only one data value. (*) The entries in a column are of different type Each row contains different columns **Correct** | (1/1) Poir |
| There are no duplicate rows (*) There is only one data value. (*) The entries in a column are of different type Each row contains different columns **Correct** | (1/1) Poir |
| There are no duplicate rows (*) There is only one data value. (*) The entries in a column are of different type Each row contains different columns **Correct Until all attributes are single-valued, the database model is said to be: Normalized | (1/1) Poir |
| There are no duplicate rows (*) There is only one data value. (*) The entries in a column are of different type Each row contains different columns Correct Until all attributes are single-valued, the database model is said to be: Normalized Not Normalized (*) | (1/1) Poir |
| There are no duplicate rows (*) There is only one data value. (*) The entries in a column are of different type Each row contains different columns **Correct** Until all attributes are single-valued, the database model is said to be: | (1/1) Poir |
| There are no duplicate rows (*) There is only one data value. (*) The entries in a column are of different type Each row contains different columns **Correct Until all attributes are single-valued, the database model is said to be: Normalized Not Normalized (*) in 2nd Normal Form | (1/1) Poir |
| There are no duplicate rows (*) There is only one data value. (*) The entries in a column are of different type Each row contains different columns *Correct Until all attributes are single-valued, the database model is said to be: Normalized Not Normalized (*) in 2nd Normal Form in 1st Normal Form | (1/1) Poir |
| There are no duplicate rows (*) There is only one data value. (*) The entries in a column are of different type Each row contains different columns */Correct Until all attributes are single-valued, the database model is said to be: Normalized Not Normalized (*) in 2nd Normal Form in 1st Normal Form | (1/1) Poin |
| There are no duplicate rows (*) There is only one data value. (*) The entries in a column are of different type Each row contains different columns *Correct Until all attributes are single-valued, the database model is said to be: Normalized Not Normalized (*) in 2nd Normal Form in 1st Normal Form | |

Test: DFo Database Foundations Midterm Exam Review your answers, feedback, and question scores below. An asterisk (*) indicates a correct answer. Section 2 (Answer all questions in this section) (0/1) Points 31. Matrix Diagrams should be developed BEFORE the ERD. True or False? True (*) O False *Incorrect. Refer to Section 2 Lesson 5. (1/1) Points 32. Which of the following is NOT an example of cardinality? O How many employees can hold one specific job? O How many types of jobs are there? (*) How many jobs can one employee hold? All are examples of cardinality. **✓**Correct (1/1) Points 33. A relationship is transformed from logical to physical model using Composite Keys Secondary Keys Candidate Keys Foreign Keys (*) **✔**Correct (1/1) Points 34. The Physical Model is derived from the Logical Model. True or False? O True (*) False **✔**Correct 35. A logical model includes: (1/1) Points Entities, Attributes, Unique Identifiers and Relationships (*) Only Entities and Relationships Only Entities, Attributes and Unique Identifiers Only Entities, Attributes and Relationships **✔**Correct Previous Summary

Test: DFo Database Foundations Midterm Exam Review your answers, feedback, and question scores below. An asterisk (*) indicates a correct answer. Section 2 (Answer all questions in this section) (1/1) Points 26. Entity Boxes are drawn on an ERD using what type of shape? Diamonds Rectangles O Soft Boxes (*) Hard Boxes **✓**Correct (1/1) Points 27. Entities are usually Verbs O Nouns (*) Adjectives Adverbs **✓**Correct 28. When creating entities in a logical model you must follow these rules: (Choose Two) (1/1) Points (Choose all correct answers) Exclude Attributes ☑ Include Attributes (*) Name them in Plural Name them in Singular (*) **✔**Correct 29. In this course, we use the _____ notation for ERD modeling. (1/1) Points O Bachman O Barker (*) Information Engineering None of the above **✔**Correct 30. The optionality of a relationship must be either ____ (1/1) Points Bidirectional or a single direction Single or Multiple One or (One or More) O Mandatory or Optional (*) **✓**Correct

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| swer all questions in this section) | | |
|---|--|---------------|
| Capturing all required data is the only goal of entity in | elationship modeling. | (1/1) Points |
| False (*) Correct | | |
| All entities must be given a new artificial UID. True o | r False? | (1/1) Point |
| True | | |
| False (*) | | |
| ✓Correct | | |
| | | (1/1) Poin |
| What is the purpose of a Unique Identifier? Create an entity that is unlike any other entity aside from it | rcolf | |
| To uniquely determine a table and columns within that table | | |
| To identify one unique instance of an entity by using one or | | |
| relationships. (*) | | |
| To identify a specific row within a table, using one or more | columns and/or foreign keys. | |
| Correct | | |
| | | |
| | | (1/1) Poir |
| | ce of the entity for the lifetime of the i | nstance. True |
| A Unique Identifier has a NULL value for each instant | | |
| False True | | |
| False True | | |
| False True False (*) | | |
| False True False (*) | | |
| True False (*) Correct | | |
| False True False (*) Correct | | (1/1) Poi |
| True False (*) Correct | | (1/1) Poi |
| True False (*) Candidate UIDs must be made up of only one attribution. | | (1/1) Poi |
| True False (*) Correct Candidate UIDs must be made up of only one attribution | | (1/1) Poi |

| view your answers, feedback, and question scores below. An asterisk (*) indicates a correct answer. | |
|---|-------------------|
| Section 2 (Answer all questions in this section) | |
| 6. A is a type of database that stores data in a single table. | (0/1) Points |
| • Relational | |
| Flat file (*) | |
| Network | |
| Hierarchical | |
| *Incorrect. Refer to Section 2 Lesson 1. | |
| 7. What does single table refer to? (Choose Two) Procese all correct answers) | (0/1) Points |
| A type of database storage method where all of the data elements are stored on top of each other. | |
| A database where all of the data is stored in one large table. (*) | |
| A fully-relational database system like Microsoft's SQL Server or Oracle's database systems. | |
| Non-relational systems that typically store each table and index in separate files and often do not support the SQL language. (*) | |
| Mincorrect. Refer to Section 2 Lesson 1. | |
| Optionality Data Values. (*) Cardinality Relationship Names | |
| . An ERD created using ERDish is a representation of entities and their relationships to | each (1/1) Points |
| 9 graphical (*) | |
| hierarchical | |
| textual | |
| technical | |
| Correct | |
| | (1/1) Points |
| Data models are drawn to show users the actual Data that their new system will contain; only Dathe Diagram can be entered into the Database. True or False? | ta listed |
|). Data models are drawn to show users the actual Data that their new system will contain; only Da the Diagram can be entered into the Database. True or False? True | ta listed |
| the Diagram can be entered into the Database. True or False? True | ta listeo |
| O. Data models are drawn to show users the actual Data that their new system will contain; only Data the Diagram can be entered into the Database. True or False? True False (*) Correct | ta iisted |

| Section 1 (Answer all questions in this s | ection) | |
|--|---|--------------|
| 11. The reason or drive fo | or using databases rather than files has been | (1/1) Points |
| Choose 3) Choose all correct answers) | | |
| Availability of data to a | diverse set of users (*) | |
| Use of blocks | Civerate sec or waters () | |
| Reduced redundancy of | data (*) | |
| | easier access and modification for complex transactions (*) | |
| ✓ Correct | | |
| | | (1/1) Points |
| | e model the data is organized into a tree-like structure and to retrieve data the eversed starting from the root node. | |
| ○ Network | | |
| Relational | | |
| Object Oriented Hierarchical (*) | | |
| • Hierarchical (*) | | |
| ✓ Correct | | |
| | | |
| . A model | I describes a database in terms of tables, columns, and joins between tables. | (1/1) Points |
| Relational (*) | | |
| Hierarchical | | |
| Network | | |
| Object Oriented | | |
| ✓ Correct | | |
| | | |
| | | |
| unique too. You can hav | ase model, each table name must be unique. The column names in the table must be two different tables that have column names that are the same. | (1/1) Point |
| True (*) | | |
| False | | |
| ✓ Correct | | |
| | | |
| | se model the data is stored as records that are connected to one another through | (1/1) Point |
| In a hierarchical databa | | |
| In a hierarchical databa primary keys | | |
| | | |
| primary keys | | |
| primary keys links (*) fields | | |
| primary keys links (*) fields databases | | |
| primary keys links (*) fields | | |
| primary keys links (*) fields databases | Previous Page 3 of 10 Next Summary | |

| Section 1 Answer all questions in this section) | |
|--|--------------|
| | (1/1) Points |
| . The strategies for learning used in this course include: | |
| ☐ Instructor led training | |
| Industry recognized certification | |
| Project driven curriculum | |
| O All of the above (*) | |
| ✓ Correct | |
| Once you have learned how to write programs and build systems, you no longer need any input or volvement from any users as you are perfectly capable of delivering the systems that businesses need and ant. | (1/1) Points |
| True. Users delay the delivery of a system by changing their minds and adding new requirements. | |
| True. Users never know what they want anyway, so building systems is best left to the | |
| professionals | |
| O False. Business requirements can and will change. For instance new legal requirements may | |
| anise. (*) | |
| True. The only requirement for creating a perfect system is a perfect programmer. | |
| ✔ Correct | |
| | |
| True False (*) | |
| ✓ Correct | |
| | |
| Documenting Business Requirements helps developers control the scope of the system and prevents users m claiming that the new system does not meet their business requirements. True or False? True (*) False | (1/1) Points |
| ✓ Correct | |
| | |
| Business are used to understand business processes, and the nature, role, and scope of the | (1/1) Points |
| a. | (1/1) Points |
| a. Rules (*) | (1/1) Points |
| a. Rules (*) Goals | (1/1) Points |
| a. Rules (*) | (1/1) Points |
| a. Rules (*) Goals | (1/1) Points |
| a. Rules (*) Goals Mission Statements | (1/1) Points |

| iew your answers, feedback, and question scores below. An asterisk (*) indicates a correct answer. | |
|---|--------------|
| Section 1 Answer all questions in this section) | |
| . A DBMS comprises of the following elements: (Choose 3) Thoose all correct answers) | (1/1) Poin |
| Client | |
| ☑ Data Dictionary (*) | |
| Memory and Storage Management (*) | |
| ☑ Query language (*) ✔Correct | |
| Select the business or industry that would not have a need for a database. Banking | (1/1) Poin |
| C Retail | |
| Scientific Research | |
| All these businesses could benefit from using a database. (*) | |
| ✓ Correct | |
| Information is the result of combining, comparing and performing calculations on data. | (1/1) Point |
| ▼ True (*) False | |
| False ✓Correct Which transformation in computing allows for storage and delivery of applications and data over the sernet? | (1/1) Points |
| Which transformation in computing allows for storage and delivery of applications and data over the sernet? Cloud Computing (*) | (1/1) Points |
| Which transformation in computing allows for storage and delivery of applications and data over the ternet? Cloud Computing (*) Grid Computing | (1/1) Points |
| Which transformation in computing allows for storage and delivery of applications and data over the sernet? Cloud Computing (*) Grid Computing Mainframe computing | (1/1) Points |
| Which transformation in computing allows for storage and delivery of applications and data over the ternet? Cloud Computing (*) Grid Computing | (1/1) Points |
| False Correct Which transformation in computing allows for storage and delivery of applications and data over the sernet? Cloud Computing (*) Grid Computing Mainframe computing Desktop computing Correct The technical software requirements for this course include all of the following except: | |
| False Correct Which transformation in computing allows for storage and delivery of applications and data over the sernet? Cloud Computing (*) Grid Computing Mainframe computing Desktop computing VCorrect The technical software requirements for this course include all of the following except: Oracle SQL Developer Data Modeler | (1/1) Points |
| Which transformation in computing allows for storage and delivery of applications and data over the sernet? Cloud Computing (*) Grid Computing Mainframe computing Desktop computing VCorrect The technical software requirements for this course include all of the following except: Oracle SQL Developer Data Modeler Microsoft Access (*) | |
| Which transformation in computing allows for storage and delivery of applications and data over the sernet? Cloud Computing (*) Grid Computing Mainframe computing Desktop computing VCorrect The technical software requirements for this course include all of the following except: Oracle SQL Developer Data Modeler Microsoft Access (*) Oracle APEX application | |
| Which transformation in computing allows for storage and delivery of applications and data over the sernet? Cloud Computing (*) Grid Computing Mainframe computing Desktop computing VCorrect The technical software requirements for this course include all of the following except: Oracle SQL Developer Data Modeler Microsoft Access (*) | |
| Which transformation in computing allows for storage and delivery of applications and data over the ernet? Cloud Computing (*) Grid Computing Mainframe computing Desktop computing ✓ Correct The technical software requirements for this course include all of the following except: Oracle SQL Developer Data Modeler Microsoft Access (*) Oracle APEX application All are requirements. | |