Section 1
(Answer all questions in this section)

1. In the grid computing model, resources are pooled together for efficiency. True or False? Mark for Review
(1) Points

True (*)

False

Correct Correct

2. Users could directly interact with which of the following software to access essential business applications? (Choose three) Mark for Review
(1) Points

(Choose all correct answers)

Server software

Operating System software (*)

Internet Browser software (*)

GUI software (*)

Correct Correct

3. Personal computers (PCs) have been in existence since 1950. True or False? Mark for Review
(1) Points

True

False (*)

Correct Correct

4. Software cannot operate without Hardware. True or False? Mark for Review

(1) Points

 True (*)

 False

Correct Correct

  5. The market for IT professionals is still increasing and will continue to do so in the future as the world gets ever more dependent on computer systems. True or False? Mark for Review
(1) Points

 True (*)

 False

Correct Correct
6. Oracle was one of the first relational database systems available commercially. True or False? Mark for Review
(1) Points

 True (*)

 False

Correct Correct

  7. The work of E.F. Codd in the early 1970s led to the development of Relational databases. True or False? Mark for Review
(1) Points

 True (*)

 False

Correct Correct

8. Most of the well known Internet search engines use databases to store data. True or False? Mark for Review
(1) Points

True (*)

False

Correct Correct

9. What is the difference between "information" and "data"? Mark for Review
(1) Points

Data turns into useful information. It is stored in a database and accessed by systems and users. (*)

Information and data have no differences - they are two words for the same thing.

Data is held and understood only by users.

Information is held and understood only by users.

Correct Correct

10. How do you turn "data" into "information"? Mark for Review
(1) Points

By testing it

By querying it or accessing it (*)

By storing it in a database

By storing it on a server

Correct Correct
11. The Physical Model is derived from the Conceptual Model. True or False? Mark for Review
(1) Points

True (*)

False

Correct Correct

12. An ERD is an example of a Physical Model. True or False? Mark for Review
(1) Points

True

False (*)

Correct Correct

13. A Conceptual Model is not concerned with how the Physical Model will be implemented. True or False? Mark for Review
(1) Points

True (*)

False

Correct Correct

14. Data modeling is performed for the following reasons: (Choose Two) Mark for Review
(1) Points

  (Choose all correct answers)

It helps discussions and reviews. (*)

The ERD becomes a blueprint for designing the actual system. (*)

We draw an ERD solely to please the users; once completed, the ERD is never referred to again as it serves no purpose in the real world.

We do not need datamodels; we can just start coding right away.

Correct Correct

  15. Entity Relationship modeling is dependent on the hardware or software used for implementation, so you will need to change your ERD if you decide to change Hardware Vendor. True or False? Mark for Review
(1) Points

 True

 False (*)

Correct Correct
16. Which of the following can be found in an ERD? (Choose Two) Mark for Review
(1) Points

  (Choose all correct answers)

 Tables.

 Attributes. (*)

 Entities. (*)

 Instances.

Correct Correct

  17. Which of the following statements about ERD's is false? Mark for Review
(1) Points

 Model all information that is derivable from other information already modeled. (*)

 Capture all required information.

 Locate information in a predictable, logical place.

Ensure that information appears only once.

Correct Correct

18. All of the following would be instances of the entity ANIMAL SPECIES, except which one? Mark for Review
(1) Points

Bird

Dog

Elephant

Leaf (*)

Correct Correct

19. All of the following would be instances of the entity PERSON except which? Mark for Review
(1) Points

David Jones

Angelina Rosalie

Male (*)

Grace Abinajam

Correct Correct

20. A/an _____ is defined as "Something" of significance to the business about which data must be known. Mark for Review
(1) Points

Instance

Relationship

Entity (*)

None of the above

Correct Correct
21. Which of the following statements about Entities are true? Mark for Review
(1) Points

   (Choose all correct answers)

They are usually a noun. (*)

A name for a set of similar "things" (*)

They never have Instances

"Something" of significance to the business about which data must be known. (*)

Correct Correct

  22. In the following statements, find two good examples of ENTITY: Instance. (Choose Two) Mark
for Review
(1) Points

   (Choose all correct answers)

BOOK: Biography of Mahatma Gandhi (*)

VEGETABLE: grows

TRAIN: runs

DAIRY PRODUCT: milk (*)

Correct Correct

23. Which of the following is an example of a volatile attribute? Mark for Review
(1) Points

Hire Date

Age (*)

Name

Date of Birth

Correct Correct

Section 3
(Answer all questions in this section)

24. To identify an attribute as part of a unique identifier on an ER diagram, the # symbol goes in front of it. True or False? Mark for Review
(1) Points

True (*)

False

Correct Correct

25. Relationships can be either mandatory or optional. True or False? Mark for Review
(1) Points

True (*)

False

Correct Correct
26. What are the three properties that every relationship should have? Mark for Review
(1) Points

Transferability, degree, name

Name, optionality, arcs

Name, optionality, cardinality (*)

A UID bar, a diamond, an arc

Correct Correct

27. Which of the following are used to show Cardinality on an ERD? (Choose two) Mark for Review
(1) Points

   (Choose all correct answers)

Crow's foot. (*)

Dashed line.

Single toe. (*)

Solid line.

Correct Correct

28. ERDish describes a relationship in words. True or False? Mark for Review
(1) Points

True (*)

False

Correct Correct

29. When reading the relationships in an ERD, you are said to be speaking: Mark for Review
(1) Points

Relationship-ish

Gibberish

ERDish (*)

Entity-ish

Correct Correct

30. Matrix Diagrams show Optionality and Cardinality of the ERDs they document. True or False? Mark for Review
(1) Points

True

False (*)

Correct Correct
31. Matrix Diagrams are used to verify that all relationships have been identified for an ERD. True or False? Mark for Review
(1) Points

True (*)

False

Correct Correct

Section 4
(Answer all questions in this section)

32. Why is it important to identify and document structural rules? Mark for Review
(1) Points

Ensures we know what data to store and how that data works together. (*)

Ensures nothing. There are no benefits to be gained from documenting your Structural Business Rules. We need to concentrate on the Procedural Business Rules only.

Ensures we know what processes are in place and how to program them.

All of the Above.

Correct Correct

33. Which of the following is an example of a structural business rule? Mark for Review
(1) Points

All overdue payments will have an added 10 % late fee.

All products will have a selling price no less than 30 % greater than wholesale.

Buildings to be purchased by the business must be current with earthquake building code.

All employees must belong to at least one department. (*)

Correct Correct

34. Business rules are important to data modelers because: Mark for Review
(1) Points

A. They capture all of the needs, processes, and required functionality of the business. (*)

B. All Business rules are easily implemented in the ERD diagram.

C. The data modeler must focus on structural rules, because they are easily represented diagrammatically and eliminate other rules that involve extra procedures or programming.

D. Both A and C are true.

Correct Correct

35. A business rule such as "We only ship goods after customers have completely paid any

outstanding balances on their account" is best enforced by: Mark for Review
(1) Points

 Making the payment attribute optional.

 Creating additional programming code to verify no goods are shipped until the account has been settled in full. (*)

 We need to trust our customers, and we know they will pay some day.

 Making the payment attribute null.

Correct Correct
36. You can only create relationships to a Supertype, not to a Subtype. True or False? Mark for Review
(1) Points

 True

 False (*)

Correct Correct

  37. A Supertype can have only one subtype. True or False? Mark for Review
(1) Points

 True

 False (*)

Correct Correct

  38. All instances of the supertype must be an instance of one of the subtypes. True or False? Mark for Review
(1) Points

 True (*)

False

Correct Correct

39. A subtype is shown on an ERD as an entity with a one to many relationship to the supertype. True or False? Mark for Review
(1) Points

True

False (*)

Correct Correct

40. A supertype can only have two subtypes and no more. True or False? Mark for Review
(1) Points

True

False (*)

Correct Correct
41. A Diamond on a relationship indicates the Relationship as Non-Tranferable. True or False? Mark for Review
(1) Points

True (*)

False

Correct Correct

42. Non-transferable relationships can only be mandatory, not optional. True or False? Mark for Review
(1) Points

True

False (*)

43. A non-transferable relationship means the relationship is manatory at both sides. True or False? Mark for Review
(1) Points

True

False (*)

44. What uncommon relationship is described by the statements: "Each DNA SAMPLE may be taken from one and only one PERSON and each PERSON may provide one and only one DNA SAMPLE" Mark for Review
(1) Points

One to Many Optional

One to One Optional (*)

Many to Many Mandatory

One to Many Mandatory

45. Which of the following pairs of entities is most likely to be modeled as a 1:1 relationship? Mark for Review
(1) Points

CAR and WHEEL

TEACHER and SUBJECT AREA

PERSON and FINGERPRINT (*)

TREE and BRANCH

Correct Correct

46. Many to many relationships must be left in the Model. It is important to have them documented as M-M. True or False? Mark for Review
(1) Points

True

False (*)

Correct Correct

47. If two entities have two relationships between them, these relationships can be either _____ or _____ . Mark for Review
(1) Points

Replicated or Required

Redundant and Replicated

Resourced and Really Good

Redundant or Required (*)

Correct Correct

48. A relationship on an ERD can have attributes. True or False? Mark for Review
(1) Points

True

False (*)

Correct Correct

49. Many to many relationships between entities usually hide what? Mark for Review
(1) Points

Uniqueness

Another entity (*)

More attributes

Another relationship

Correct Correct

50. When you resolve a M:M by creating an intersection entity, this new entity will always inherit: Mark for Review
(1) Points

The attributes of both related entities.

A relationship to each entity from the original M:M. (*)

Nothing is inherited from the original entities and relationship.

The UID's from the entities in the original M:M.

Correct Correct

1. The main subject areas taught by the Oracle Academy are: Mark for Review
(1) Points
        Data Modeling, SQL, and PL/SQL (*)
        Computer Repairs
        Database performance tuning
        Systems programming and computer architecture

2. What is the difference between "information" and "data"? Mark for Review
(1) Points
        Data turns into useful information. It is stored in a database and accessed by systems and users. (*)

        Information and data have no differences - they are two words for the same thing.
        Information is held and understood only by users.
        Data is held and understood only by users.

3.	Consider your school library. It will have a database with transaction details of the books that are borrowed by students. Is the total number of books out on loan in one given month considered Data or Information? Mark for Review
(1) Points
	Data
	Information (*)
	Both
	Neither

4.	Changes in computing have affected many of our day-to-day activities. Are all of the following activities examples of this change? Yes or No?
In the past you used to use the phone system to call directory assistance to get a phone number. Today you can use your PC to look up a phone number online.

In the past you used to have to go to the shoe store to buy shoes. Today you can use your PC to order shoes online.

In the past you had to use your PC to send a person an email. Today you can use your phone to send a text message.

 Mark for Review
(1) Points
	Yes (*)
	No

5.	The overall mission of the Oracle Corporation is to use the internet and fast processing servers to build its own network. Mark for Review
(1) Points
	True
	False (*)

6.	In the grid computing model, resources are pooled together for efficiency. True or False? Mark for Review
(1) Points
	True (*)
	False

7.	Personal computers (PCs) have been in existence since 1950. True or False? Mark for Review
(1) Points
	True
	False (*)

8.	Entities are transformed into Tables during the Database Design process. True or False? Mark for Review
(1) Points
	True (*)
	False

9.	Databases are used in most countries and by most governments. Life, as we know it, would change drastically if we no longer had access to databases. True or False? Mark for Review
(1) Points
	True (*)
	False

10.   Oracle was one of the first relational database systems available commercially. True or False?   Mark for Review
(1) Points
        True (*)
        False

Section 2
        (Answer all questions in this section)

11.   Data models show users the data that their Physical Model will contain. True or False?   Mark for Review
(1) Points
        True (*)
        False

12.   Data models are drawn to show users the actual Data that their new system will contain; only Data listed on the Diagram can be entered into the Database. True or False?   Mark for Review
(1) Points
        True (*)
        False

13.   An ERD is an example of a Physical Model. True or False?   Mark for Review
(1) Points
        True
        False (*)

14.   Documenting Business Requirements helps developers control the scope of the system and prevents users from claiming that the new system does not meet their business requirements. True or False?   Mark for Review
(1) Points
        True (*)
        False

15.   Which of the following attributes is suitable to be a Unique Identifier?   Mark for Review
(1) Points
        Address
        Last name
        First name
        Social Security Number (*)

16.   In the following statements, find two good examples of ENTITY: Instance. (Choose Two)   Mark for Review
(1) Points
                    (Choose all correct answers)
        BOOK: Biography of Mahatma Gandhi (*)
        VEGETABLE: grows
        TRAIN: runs
        DAIRY PRODUCT: milk (*)

17.   Which of the following is an example of a volatile attribute? Mark for Review
(1) Points
        Hire Date
        Name
        Date of Birth
        Age (*)

18.   Which of the following entities most likely contains valid attributes? (Choose two)   Mark for Review
(1) Points
                        (Choose all correct answers)
        Entity: Home. Attributes: Number of Bedrooms, Owner, Address, Date Built (*)
        Entity: Pet. Attributes: Name, Birthdate, Owner (*)
        Entity: Car. Attributes: Owner Occupation, Owner Salary, Speed
        Entity: Mother. Attributes: Name, Birthdate, Occupation, Start Date

19.   All of the following could be attributes of an ENTITY called PERSON, except which
one?   Mark for Review
(1) Points
        Gender
        Natacha Hansen (*)
        Weight
        Haircolor

20.   Which of the following are examples of ENTITY: Instance ? (Choose Two) Mark for Review
(1) Points
                        (Choose all correct answers)
        MEAT PRODUCT: Lettuce
        TRANSPORTATION METHOD: Car (*)
        BODY PART: Larry Ellison
        ANIMAL: Dog (*)

21.   An Entity Relationship model is independent of the hardware or software used for
implementation. True or False?   Mark for Review
(1) Points
        True (*)
        False

22.   Which of the following statements are true about ERD's? (Choose Two)   Mark for Review
(1) Points
                        (Choose all correct answers)
        You should not model derivable data. (*)
        A piece of information can be shown multiple times on an ERD.
        A piece of information should only be found in one place on an ERD. (*)
        All data must be represented on the ERD, including derived summaries and the result of
calculations.

23.   Which of the following can be found in an ERD? (Choose Two)   Mark for Review
(1) Points
                        (Choose all correct answers)
        Attributes. (*)
        Instances.
        Entities. (*)
        Tables.

Section 3
        (Answer all questions in this section)

24.   When reading a relationship between 2 entities, the relationship is read both from left to right
and right to left. True or False?   Mark for Review
(1) Points
        True (*)
        False

25. Relationship names are not shown on an ERD. True or False? Mark for Review
(1) Points
        True
        False (*)

26. Which symbol is used to show that a particular attribute is mandatory? Mark for Review
(1) Points
        o
        * (*)
        #
        &

27. Matrix Diagrams show Optionality and Cardinality of the ERDs they document. True or False? Mark for Review
(1) Points
        True
        False (*)

28. Matrix Diagrams are developed BEFORE the ERD. True or False? Mark for Review
(1) Points
        True (*)
        False

29. What are the three properties that every relationship should have? Mark for Review
(1) Points
        Transferability, degree, name
        Name, optionality, cardinality (*)
        Name, optionality, arcs
        A UID bar, a diamond, an arc

30. Which of the following are used to show Cardinality on an ERD? (Choose two) Mark for Review
(1) Points
                        (Choose all correct answers)
        Dashed line.
        Single toe. (*)
        Crow's foot. (*)
        Solid line.

Section 3
        (Answer all questions in this section)

31. Relationship Cardinality is important. True or False? Mark for Review
(1) Points
        True (*)
        False

Section 4
        (Answer all questions in this section)

32. Why is it important to identify and document business rules? Mark for Review
(1) Points
        It allows you to create a complete data model and then check it for accuracy. (*)
        It allows you to improve the client's business.
        It ensures that the data model will automate all manual processes.

None of the above

33. Why is it important to identify and document structural rules?	Mark for Review
(1) Points
Ensures we know what data to store and how that data works together. (*)
Ensures nothing. There are no benefits to be gained from documenting your Structural Business Rules. We need to concentrate on the Procedural Business Rules only.
Ensures we know what processes are in place and how to program them.
All of the Above.

34. How should you handle constraints that cannot be modeled on an ER diagram?	Mark for Review
(1) Points
Explain them to the users so they can enforce them
Always let the network architect handle them
List them on a separate document to be handled programmatically (*)
All constraints must be modeled and shown on the ER diagram

35. A new system would have a mixture of both Procedural and Structural Business Rules as part of the documentation of that new system. True or False?	Mark for Review
(1) Points
True (*)
False

36. All ER diagrams must have one of each of the following: (Choose two)	Mark for Review
(1) Points
		(Choose all correct answers)
At least one supertype and subtype
One or more Entities (*)
Relationships between entities (*)
Arcs

37. A subtype is drawn on an ERD as an entity inside the "softbox" of the supertype. True or False?	Mark for Review
(1) Points
True (*)
False

38. A subtype is shown on an ERD as an entity with a one to many relationship to the supertype. True or False?	Mark for Review
(1) Points
True
False (*)

39. A subtype can have a relationship not shared by the supertype. True or False?	Mark for Review
(1) Points
True (*)
False

40. All instances of a subtype may be an instance of the supertype but does not have to. True or False?	Mark for Review
(1) Points
True
False (*)

Section 5
(Answer all questions in this section)

41.   If the same relationship is represented twice in an Entity Relationship Model, it is said to be:
Mark for Review
(1) Points
        Removable
        Resourceful
        Redundant (*)
        Replicated

42.   What uncommon relationship is described by the statements: "Each DNA SAMPLE may be taken from one and only one PERSON and each PERSON may provide one and only one DNA SAMPLE"   Mark for Review
(1) Points
        Many to Many Mandatory
        One to Many Optional
        One to Many Mandatory
        One to One Optional (*)

43.   If two entities have two relationships between them, these relationships can be either _____ or _____ .   Mark for Review
(1) Points
        Redundant or Required (*)
        Replicated or Required
        Resourced and Really Good
        Redundant and Replicated

44.   Which of the following pairs of entities is most likely to be modeled as a M:M relationship?
Mark for Review
(1) Points
        TREE and BRANCH
        PERSON and FINGERPRINT
        TEACHER and SUBJECT AREA (*)
        CAR and WHEEL

45.   When you resolve a M:M by creating an intersection entity, this new entity will always inherit: Mark for Review
(1) Points
        The UID's from the entities in the original M:M.
        The attributes of both related entities.
        A relationship to each entity from the original M:M. (*)
        Nothing is inherited from the original entities and relationship.

46.   When you resolve a M:M, you simply re-draw the relationships between the two original entities; no new entities are created. True or False?   Mark for Review
(1) Points
        True
        False (*)

47.   If an intersection entity is formed that contains no attributes of its own, its uniqueness may be modeled by   Mark for Review
(1) Points
        Creating new attributes.
        Barring the relationships to the original entities. (*)
        Placing the UID attributes from the original entities into the intersection entity.

None of the above.

48.   If a relationship can NOT be moved between instances of the entities it connects, it is said to be: Mark for Review
(1) Points
        Mandatory
        Transferable
        Optional
        Non-Transferable (*)

49.   A non-transferable relationship means the relationship is manatory at both sides. True or False?   Mark for Review
(1) Points
        True
        False (*)

50.   A non-transferable relationship is represented by which of the following symbols?   Mark for Review
(1) Points
        Circle
        Triangle
        Heart

        Diamond (*)

An Entity Relationship model is independent of the hardware or software used for

implementation. True or False? Mark for Review

(1) Points

        True (*)

        False

2.   A well structured ERD will show only some parts of the finished data model. You

should never try to model the entire system in one diagram, no matter how small the diagram

might be. True or False?   Mark for Review

(1) Points

        True

        False (*)

3. The purpose of an ERD is to document the proposed system and facilitate discussion and understanding of the requirements captured by the developer. True or False? Mark for Review

(1) Points

True (*)

False

4. Documenting Business Requirements helps developers control the scope of the system and prevents users from claiming that the new system does not meet their business requirements. True or False? Mark for Review

(1) Points

True (*)

False

5. A Conceptual Model is not concerned with how the Physical Model will be implemented. True or False? Mark for Review

(1) Points

True (*)

False

6. Data modeling is performed for the following reasons: (Choose Two) Mark for Review

(1) Points

(Choose all correct answers)

It helps discussions and reviews. (*)

The ERD becomes a blueprint for designing the actual system. (*)

We draw an ERD solely to please the users; once completed, the ERD is never referred to again as it serves no purpose in the real world.

We do not need datamodels; we can just start coding right away.

7.   Data modeling is performed for the following reasons: (Choose Two)   Mark for Review
(1) Points

(Choose all correct answers)

We draw an ERD solely to please the users; once completed, the ERD is never referred to again as it serves no purpose in the real world.

It helps discussions and reviews. (*)

The ERD becomes a blueprint for designing the actual system. (*)

We do not need datamodels; we can just start coding right away.

8.   Which of the following entities most likely contains valid attributes? (Choose two)   Mark for Review
(1) Points

(Choose all correct answers)

Entity: Home. Attributes: Number of Bedrooms, Owner, Address, Date Built (*)

Entity: Pet. Attributes: Name, Birthdate, Owner (*)

Entity: Car. Attributes: Owner Occupation, Owner Salary, Speed

Entity: Mother. Attributes: Name, Birthdate, Occupation, Start Date

9. Which of the following are examples of ENTITY: Instance ? (Choose Two) Mark for Review
(1) Points

(Choose all correct answers)

ANIMAL: Dog (*)

MEAT PRODUCT: Lettuce

BODY PART: Larry Ellison

TRANSPORTATION METHOD: Car (*)

10. Unique Identifiers: Mark for Review
(1) Points

Distinguish one instance of an entity from all other instances of that entity (*)

Distinguish all entities in a database

Distinguish one entity from another

Distinguish nothing

11. Which of the following statements about Entities are true? Mark for Review
(1) Points

(Choose all correct answers)

"Something" of significance to the business about which data must be known. (*)

They never have Instances

They are usually a noun. (*)

A name for a set of similar "things" (*)

12. In the following statements, find two good examples of ENTITY: Instance. (Choose Two) Mark for Review

(1) Points

(Choose all correct answers)

VEGETABLE: grows

BOOK: Biography of Mahatma Gandhi (*)

TRAIN: runs

DAIRY PRODUCT: milk (*)

13.   A/an _____ is a piece of information that in some way describes an entity. It is a property of the entity and it quantifies, qualifies, classifies, or specifies the entity.   Mark for Review

(1) Points

Table

ERD

Process

Attribute (*)

14.   The word "Volatile" means: Mark for Review

(1) Points

Limited quantity

Changing constantly; unstable (*)

Large quantity

Static; unlikely to change

15.   Entities are usually verbs. True or False?   Mark for Review

(1) Points

True

False (*)

1.	Unique Identifiers:	Mark for Review

(1) Points

Distinguish one entity from another

Distinguish nothing

Distinguish all entities in a database

Distinguish one instance of an entity from all other instances of that entity (*)

2.	The word "Volatile" means:	Mark for Review

(1) Points

Large quantity

Static; unlikely to change

Limited quantity

Changing constantly; unstable (*)

3.	Which of the following entities most likely contains valid attributes? (Choose

two)	Mark for Review

(1) Points

(Choose all correct answers)

Entity: Car. Attributes: Owner Occupation, Owner Salary, Speed

Entity: Pet. Attributes: Name, Birthdate, Owner (*)

Entity: Mother. Attributes: Name, Birthdate, Occupation, Start Date

Entity: Home. Attributes: Number of Bedrooms, Owner, Address, Date Built (*)

4. All of the following could be attributes of an ENTITY called PERSON, except which one?   Mark for Review

(1) Points

       Weight

       Gender

       Haircolor

       Natacha Hansen (*)

5.   Attributes can only have one value at any point for each instance in the entity. True or False?   Mark for Review

(1) Points

       True (*)

       False

6.   A/an _____'s value can be a number, a character string, a date, an image, a sound   Mark for Review

(1) Points

       ERD

       Table

       Attribute (*)

       Entity

7.   What is the purpose of a Unique Identifier? Mark for Review

(1) Points

To identify a specific row within a table, using one or more columns and/or foreign keys.

To identify one unique instance of an entity by using one or more attributes and/or relationships. (*)

Create an entity that is unlike any other entity aside from itself.

To uniquely determine a table and columns within that table.

8. Which of the following attributes is suitable to be a Unique Identifier?   Mark for Review
(1) Points

Address

First name

Last name

Social Security Number (*)

9.   An Entity Relationship model is independent of the hardware or software used for implementation. True or False? Mark for Review
(1) Points

True (*)

False

10.   A well structured ERD will show only some parts of the finished data model. You should never try to model the entire system in one diagram, no matter how small the diagram might be. True or False?   Mark for Review
(1) Points

True

False (*)

11. Which of the following can be found in an ERD? (Choose Two)   Mark for Review
(1) Points

(Choose all correct answers)

Entities. (*)

Attributes. (*)

Tables.

Instances.

12.   A Conceptual Model is not concerned with how the Physical Model will be

implemented. True or False? Mark for Review
(1) Points

True (*)

False

13.   Data modeling is performed for the following reasons: (Choose Two)   Mark for

Review
(1) Points

(Choose all correct answers)

It helps discussions and reviews. (*)

We draw an ERD solely to please the users; once completed, the ERD is never

referred to again as it serves no purpose in the real world.

We do not need datamodels; we can just start coding right away.

The ERD becomes a blueprint for designing the actual system. (*)

14.   An ERD is an example of a Physical Model. True or False? Mark for Review

(1) Points

       True

       False (*)

15.   The Physical Model is derived from the Conceptual Model. True or False? Mark for

Review

(1) Points

       True (*)

       False

1.   Which of the following statements about Entities are true?   Mark for Review

(1) Points

                        (Choose all correct answers)

       They are usually a noun. (*)

       "Something" of significance to the business about which data must be known. (*)

       They never have Instances

       A name for a set of similar "things" (*)

2.   Which of the following is an example of a volatile attribute?   Mark for Review

(1) Points

       Date of Birth

       Hire Date

Name

Age (*)

3.	All of the following would be instances of the entity PERSON except which?	Mark for Review

(1) Points

Male (*)

Grace Abinajam

David Jones

Angelina Rosalie

4.	Attributes can only have one value at any point for each instance in the entity. True or False?	Mark for Review

(1) Points

True (*)

False

5.	All of the following would be instances of the entity ANIMAL SPECIES, except which one?	Mark for Review

(1) Points

Elephant

Bird

Dog

Leaf (*)

6.	A/an _____'s value can be a number, a character string, a date, an image, a

sound	Mark for Review

(1) Points

	ERD

	Entity

	Attribute (*)

	Table

7.	A/an _____ is defined as "Something" of significance to the business about

which data must be known.	Mark for Review

(1) Points

	Instance

	Relationship

	Entity (*)

	None of the above

8.	Attributes can be either mandatory or optional. True or False?	Mark for Review

(1) Points

	True (*)

	False

9.	Data models show users the data that their Physical Model will contain. True or

False?	Mark for Review

(1) Points

	True (*)

	False

10.   A Conceptual Model is not concerned with how the Physical Model will be implemented. True or False? Mark for Review

(1) Points

        True (*)

        False

11.   Many reasons exist for creating a conceptual model. Choose three appropriate reasons from the options below. Mark for Review

(1) Points

                        (Choose all correct answers)

        They capture current and future needs. (*)

        They model the information flow of data.

        They accurately describe what a physical model will contain. (*)

        They model functional and informational needs. (*)

        They capture the implementation details of the physical model.

12.   Data models are drawn to show users the actual Data that their new system will contain; only Data listed on the Diagram can be entered into the Database. True or False?   Mark for Review

(1) Points

        True (*)

        False

13.   Which of the following statements about ERD's is false?   Mark for Review

(1) Points

Ensure that information appears only once.

Capture all required information.

Model all information that is derivable from other information already modeled. (*)

Locate information in a predictable, logical place.

14.   A well structured ERD will show only some parts of the finished data model. You should never try to model the entire system in one diagram, no matter how small the diagram might be. True or False?   Mark for Review
(1) Points

True

False (*)

15. Which of the following statements are true about ERD's? (Choose Two)   Mark for Review
(1) Points

(Choose all correct answers)

You should not model derivable data. (*)

A piece of information should only be found in one place on an ERD. (*)

A piece of information can be shown multiple times on an ERD.

All data must be represented on the ERD, including derived summaries and the result of calculations.

1.   Many reasons exist for creating a conceptual model. Choose three appropriate reasons from the options below. Mark for Review
(1) Points

(Choose all correct answers)

They capture the implementation details of the physical model.

They accurately describe what a physical model will contain. (*)

They model the information flow of data.

They model functional and informational needs. (*)

They capture current and future needs. (*)

2. Data modeling is performed for the following reasons: (Choose Two)   Mark for Review
(1) Points

(Choose all correct answers)

It helps discussions and reviews. (*)

The ERD becomes a blueprint for designing the actual system. (*)

We draw an ERD solely to please the users; once completed, the ERD is never referred to again as it serves no purpose in the real world.

We do not need datamodels; we can just start coding right away.

3. A Conceptual Model is not concerned with how the Physical Model will be implemented. True or False? Mark for Review
(1) Points

True (*)

False

4. Data models are drawn to show users the actual Data that their new system will contain; only Data listed on the Diagram can be entered into the Database. True or False?   Mark for Review

(1) Points

     True (*)

     False

5.   Which of the following attributes is suitable to be a Unique Identifier?   Mark for Review

(1) Points

     Last name

     First name

     Address

     Social Security Number (*)

6.   Which of the following statements about Entities are true?   Mark for Review

(1) Points

             (Choose all correct answers)

     They are usually a noun. (*)

     They never have Instances

     "Something" of significance to the business about which data must be known. (*)

     A name for a set of similar "things" (*)

7.   A/an _____ is defined as "Something" of significance to the business about which data must be known.   Mark for Review

(1) Points

     Instance

     Relationship

     Entity (*)

None of the above

8. Which of the following are examples of ENTITY: Instance ? (Choose Two)   Mark for Review
(1) Points

(Choose all correct answers)

ANIMAL: Dog (*)

TRANSPORTATION METHOD: Car (*)

MEAT PRODUCT: Lettuce

BODY PART: Larry Ellison

9.   A/an _____'s value can be a number, a character string, a date, an image, a sound   Mark for Review
(1) Points

Attribute (*)

Table

Entity

ERD

10.   Entities are usually verbs. True or False?   Mark for Review
(1) Points

True

False (*)

11.   All of the following would be instances of the entity PERSON except which?   Mark for Review

David Jones

Angelina Rosalie

Male (*)

Grace Abinajam

12. The word "Volatile" means: Mark for Review

(1) Points

Limited quantity

Static; unlikely to change

Large quantity

Changing constantly; unstable (*)

13. An Entity Relationship model is independent of the hardware or software used for implementation. True or False?   Mark for Review

(1) Points

True (*)

False

14. The purpose of an ERD is to document the proposed system and facilitate discussion and understanding of the requirements captured by the developer. True or False?   Mark for Review

(1) Points

True (*)

False

15.   Entity Relationship modeling is dependent on the hardware or software used for

implementation, so you will need to change your ERD if you decide to change Hardware

Vendor. True or False?   Mark for Review

(1) Points

       True

       False (*)

LABELS: DATABASE DATABASE DESIGN ORACLE QUIZ SECTION 2
SHARE

Comments

1.

Free Online15 July 2018 at 08:37

This comment has been removed by the author.

REPLY

1.

john11 January 2021 at 01:09

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Projects for Final Year JavaScript Training in
Chennai JavaScript Training in Chennai The Angular
Training covers a wide range of topics including
Components, Angular Directives, Angular Services,
Pipes, security fundamentals, Routing, and Angular
programmability. The new Angular TRaining will lay
the foundation you need to specialise in Single Page
Application developer. Angular Training Project
Centers in Chennai

2.

Unknown11 March 2022 at 10:48

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2.

*Unknown**12 August 2018 at 20:42*

Full answers (database design - oracle ilearning) :
1. **database design all section quiz answers**
2. **database design midterm exam quiz answers**
3. **database design final exam quiz answers**

REPLY

3.

*Unknown**28 December 2018 at 16:56*

12. is false

REPLY

4.

*Unknown**1 September 2019 at 03:59*

Thank you for this. # 12 is false.

REPLY

5.

*Unknown**6 October 2019 at 18:42*

Some of them are incorret!! i got 66 percent

REPLY

6.

*Triviaquestions**16 March 2020 at 03:00*

love from trivia animals

REPLY

7.

*Jack Wilson**19 March 2020 at 23:04*

Your website is very beautiful or Articles. I love it thank you for sharing for everyone. Used Parts

REPLY

8.

*Adi Gunawan**17 April 2020 at 20:27*

Artikel terkait bisnis online :
1. Bisnis dan Pekerjaan Online Terbaik
2. Pemahaman Bisnis Online bersama Facebook
3. Pemahaman Bisnis Online bersama Google
4. Panduan Bisnis Bitcoin & Cryptocurrency
5. Panduan Memulai Trading Forex
6. Panduan Memulai Trading Saham

REPLY

9.

*tejaswini**10 July 2020 at 11:20*

Pretty good post. I just stumbled upon your blog and wanted to say that I have really enjoyed reading your blog posts. Any way I'll be subscribing to your feed and I hope you post again soon.data science course in malaysia

REPLY

10.

11.

12.

Which of the following attributes is suitable to be a Unique Identifier? Mark for Review
(1) Points
Last name
First name
Address
Social Security Number (*)

13.

Unknown14 November 2020 at 19:43

Which of the following attributes is suitable to be a Unique Identifier? Mark for Review

REPLY

14.

Unknown14 November 2020 at 19:44

Which of the following attributes is suitable to be a Unique Identifier? Mark for Review

REPLY

15.

officelaptop18 January 2021 at 14:57

In the world of www, there are countless blogs. But believe me, this blog has all the perfection that makes it unique in all. I will be back again and again 먹튀사이트

REPLY

16.

officelaptop30 January 2021 at 19:57

I can suggest essentially not too bad and even dependable tips, accordingly see it: 먹튀폴리스

REPLY

17.

sankar*5 June 2021 at 16:10*

nice post.data modelling training
data modelling online training

REPLY

18.

Kaan Kara22 July 2021 at 05:39

Tamamen Otomatik Sistem ile Siparişleriniz 7 Gün 24 Saat Hızlı ve Sorunsuz Bir Şekilde Tamamlanmaktadır. instagram takipçi satın al ve daha fazlası.
instagram takipçi satın al
instagram beğeni satın al
instagram takipçi satın al
instagram takipçi satın al
instagram takipçi satın al
ucuz takipçi satın al
tiktok takipçi satın al

REPLY

19.

sankar29 July 2021 at 20:09

nice post.data modelling training
data modelling online training
data modelling online course

REPLY

20.

Unknown4 August 2021 at 12:16

takipçi satın al
instagram takipçi satın al
https://www.takipcikenti.com

REPLY

21.

22.

23.

24.

passed away because they were her favorite birds. Despite the fact that they are very intelligent, am finding it very difficult getting them to mate.
For any information CLICK HERE QUAKER PARROT FOR SALE.THANKS

REPLY

25.

David Martin28 August 2021 at 13:28

Everyone loves cashback and discounts. And we always look for ways and things to get it in discounts. Best Buy credit card helps you to save money through discounts. The company offers a store credit card and a Best Buy Visa card.If you are a user of multiple Xero accounts, you will be prompted to select the company you wish to connect to.

For more information visit site :- Best Buy Credit Card Login

Xero Login

REPLY
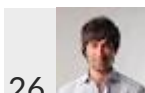
26.

David Martin1 September 2021 at 14:09

Additionally, amazon invests a lot in its own original show that makes Amazon Prime Video even more astonishing. Various glitches do show up from time to time, affecting thousands or even millions of users. By the way, login problems account for 50 percent of the total issues reported by users. Let's explore why they occur in the first place and how you can fix them.

For more information visit site :- amazon.com/code
amazon.com/code
Paypal Login

REPLY

27.

Unknown10 September 2021 at 02:19

Pop Medya ile instagram fenomeni olmaya hazır mısın?
Hemen instagram takipçi satın al. Instagram profilini büyüt, takipçi al ve takipçi sayını artır!

REPLY

28.

Unkown10 September 2021 at 04:15

binance güvenilir mi

REPLY

29.

Unow2210 September 2021 at 15:50

With this, we come to the end of our comprehensive guide on how to pass a drug test for weed. While these solutions can be quite effective, none of them offer a 100% guarantee. So if your goal is beating a drug test, start by abstaining from weed for a while.15-PM.png" alt="" width="1250" height="874" srcset="https://www.laweekly. Visit: https://www.urineworld.com/

REPLY

30.

Unknown10 September 2021 at 16:01

Do you need an urgent loan of any kind? Loans to liquidate debts or need to loan to improve your business have you been rejected by any other banks and financial institutions? Do you need a loan or a mortgage? This is the place to look, we are here to solve all your financial problems. We borrow money for the public. Need financial help with a bad credit in need of money. To pay for a commercial investment at a reasonable rate of 3%, let me use this method to inform you that we are providing reliable and helpful assistance and we will be ready to lend you. Contact us today by email: daveloganloanfirm@gmail.com Call/Text: +1(501)800-0690 And whatsapp: +1 (501) 214-1395

NEED A LOAN?
Ask Me.

31.

eToro Login22 September 2021 at 11:56

eBay is a digital multinational eCommerce company based in San Jose, California that facilitates B2B, B2C, and C2C sales through its online platform. Synchrony bank has the authority to issue an eBay MasterCard. It provides all the credit services for your eBay login Credit Card. eBay has a global outreach in over 33 countries.

Ebay login
Aol mail login
Aol mail login

32.

blog dünyam29 September 2021 at 21:52

youtube mp3 dönüştürücü

Farmasi Giriş | Farmasi Üyelik Girişi | Farmasi Kayıt | Farmasi Katalog

https://sukranguler.com

İnstagram Takipçi Satın Al - Ucuz Takipçi Satın Al - Türk Takipçi Satın Al

https://takipsatinal.com

33.

جنة المملكة3 October 2021 at 20:34

REPLY

34.

*Unknown**15 October 2021 at 15:12*

An ERD is an example of a Conceptual Model. True or False?
True (*)
False

REPLY

35.

*Link Roku Activation**13 November 2021 at 02:10*

Are you facing trouble with youtube tv on Roku? If you're unable to activate youtube tv on Roku via tv.youtube.com/start/roku then you must take help from the experts technicians. Give us a call on our toll-free number or chat with our experts through live chat process. Visit us for more information.
tv.youtube.com/start/roku
roku com link .
amazon.com/mytv
afrikastv roku
bravotv.com/link activate

REPLY

36.

*https://www.royaltykitten.com/sphynx-kittens-for-sale/**13 November 2021 at 19:33*

Oh it's great, it's very useful for everyone and through your article I would like to introduce to everyone
sphynx for sale, sphynx kittens for sale

REPLY

37.

38.

39.

40.

41.

[Where Can I Buy Helium HNT Miner For Sale](#)

REPLY

42.

REPLY

43.

Unknown *28 November 2021 at 15:11*

What a great article. Are you Looking to adopted kittens from royaltykitten.com Sphynx Cattery come with current vaccinations, dewormings, written sales contract, Two year health guarantee, health record, Spayed or Neutered, 30 days of free pet insurance for your kitten. https://www.royaltykitten.com/ [sphynx cat for sale](#) [sphynx kittens for sale](#), [sphynx kitten for sale](#), [teacup chihuahua for sale](#)

REPLY

44.

Unknown *28 November 2021 at 15:12*

Usually I never comment on article but your article is so convincing that I never stop myself to Real Leather. best chihuahua puppies for sale [chihuahua puppy for sale](#), [tea cup chihuahua puppies for sale](#), [chihuahua puppies for sale near me](#), [sphynx cat sale](#)

REPLY

45.

46.

47.

48.

REPLY

49.

50.

Ramesh Sampangi2 January 2022 at 13:35

Fantastic blog, Really an awesome blog. Very useful to many people. Informative content and knowledgeable. Keep sharing more stuff like this. Thank you.
Data Science Course Training in Hyderabad
Data Science Course Training Institute in Hyderabad

REPLY

51.

52.

53.

*GPSEXPRESSZ**18 January 2022 at 16:19*

For activating YoutubeTV you need to go on 'tv.youtube.com/start', 'tv youtube com start', 'tv.youtube.comstart' or any other YouTubeTV related issues please do visit https://youtvstart.com/

REPLY

54.

*Morgan**24 January 2022 at 07:18*

American shorthair kitten
American shorthair cat

REPLY

55.

*brayne**25 January 2022 at 06:08*

controllino hotspot
heltec indoor hotspot
kerlink outdoor
kerlink wirnet
nebra hnt outdoor

REPLY

56.

*brayne**25 January 2022 at 06:09*

nebra hnt indoor
kerlink helium miner
nebra hnt hotspot
helium miners

REPLY

57.

*Kale white**28 January 2022 at 06:52*

Totally loved your article. Looking forward to see more more from you. Meanwhile feel free to surf through my website while i give your blog a read.
welcome to Home With Cavalier King Charles Spaniel Puppies
where to buy Charles Spaniel Puppies
King Charles Spaniel Price
King Charles Spaniel USA
King Charles Spaniel puppies ready for their forever homes
welcome to Cavalier King Charles Spaniel puppies nearme

REPLY

58.

https://www.fluffyhavanese.com/29 January 2022 at 19:01

Generally I don't learn post on blogs, but I would like
to say that this write-up very pressured me to try and do so!
Your writing taste has been surprised me. Thanks, quite
great article.
ragdoll kitten for sale

whoah this blog is excellent i love studying your articles.
Keep up the good work! You recognize, lots of individuals are looking around for thisinfo, you could help them greatly.
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REPLY

59.

GorgeousDoudles29 January 2022 at 22:31

Generally I don't learn post on blogs, but I would like
to say that this write-up very pressured me to try and do so!
Your writing taste has been surprised me. Thanks, quite
great article.
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Rak Hotspot Miner V2 for sale
SenseCAP M1

REPLY

63.

Lavanya25 February 2022 at 14:51

I really liked your blog post.Much thanks again. Awesome.
Pega Online Training Hyderabad
Pega Online Training India

REPLY

64.

Unknown7 March 2022 at 06:40

Heltec indoor hotspot for sale
controllino hotspot for sale

REPLY

65.

Softtouchllc7 March 2022 at 13:11

A brief analysis of the challenges and opportunities facing businesses and brand owners who are considering how best to embrace the mobile internet.
Thanks
Branded Watches dealers in Dubai, UAE
Mi Dealers in Dubai, UAE
D-Link Product suppliers in Dubai, UAE
Tp-Link Dubai, UAE
Ubiquiti Suppliers & Wholesalers in Dubai, UAE

REPLY

66.

Unknown10 March 2022 at 01:01

67.

*Unknown*11 March 2022 at 10:47

REPLY

68.

*muneeb*14 March 2022 at 19:51

REPLY

69.

*james*17 March 2022 at 10:41

REPLY

70.

*james*17 March 2022 at 10:42

glock-42-semi-auto-pistol

REPLY

71.

*james*17 March 2022 at 10:42

561

REPLY

72.

*Unknown*7 April 2022 at 03:31

seo fiyatları
saç ekimi
dedektör
instagram takipçi satın al
ankara evden eve nakliyat
fantezi iç giyim
sosyal medya yönetimi
mobil ödeme bozdurma
kripto para nasıl alınır

REPLY

73.

*Unknown*19 April 2022 at 00:19

instagram beğeni satın al
yurtdışı kargo
seo fiyatları
saç ekimi
dedektör
fantazi iç giyim
sosyal medya yönetimi
farmasi üyelik
mobil ödeme bozdurma

REPLY

74.

Unknown*25 April 2022 at 14:24*

1
2
3
4
5
6
7
8
10

REPLY

75.

Unknown*29 April 2022 at 11:37*

mmorpg oyunlar
İnstagram takipçi satın al
Tiktok Jeton Hilesi
TİKTOK JETON HİLESİ
SAC EKİMİ ANTALYA
Instagram takipci
instagram takipçi satın al
METİN PVP
takipci satın al

REPLY

76.

Hey girl ❤❤4 May 2022 at 11:48

Royalcasino272

REPLY

77.

Unknown*18 May 2022 at 11:02*

Perde modelleri
Mobil Onay
Mobil ödeme bozdurma
NFTNASİLALİNİR
ankara evden eve nakliyat
trafik sigortası
dedektor
web sitesi kurma
ASK ROMANLARİ

REPLY

78.

Unknown4 June 2022 at 10:01

üsküdar alarko carrier klima servisi
kadıköy lg klima servisi
maltepe alarko carrier klima servisi
kadıköy alarko carrier klima servisi
maltepe daikin klima servisi
kadıköy daikin klima servisi
kartal toshiba klima servisi
ümraniye toshiba klima servisi
beykoz lg klima servisi

REPLY

79.

riki firmansyah27 July 2022 at 06:45

Kunci Jawaban Quiz Oracle iLearning dan Final Exam Oracle iLearning.

1. Quiz Database Design
2. Quiz Database Programming
3. Final Exam Database Design
4. Final Exam Database Programming

REPLY

80.

levis d31 July 2022 at 14:55

advantages of hydrocodone

Hydrocodone is a powerful opioid that binds to opioid receptors in the brain. This produces pain relief and euphoria. hydrocodone also affects the brain's reward pathway, the pathway responsible for feelings of pleasure and well-being.

hydrocodone

peyote cactus

hydrocodone

peyote cactus

hydrocodone

REPLY

81.

Azharuddin1 August 2022 at 19:03

Thanks for the article. Please gothrough it. AEM Training

REPLY

82.

PayPal Login2 August 2022 at 13:58

You can also go through this latest article ij.start.cannon/ that helps you determine how to download canon drivers download.
paypal login
paypal login

REPLY

83.

GIT24 August 2022 at 00:39

It's really beautiful and meaningful. It's an awesome blog. Linking is an extremely useful thing. You have truly helped thousands of people who come to your the blog and give them valuable details. ST2000LM003 Seagate

REPLY

1.

   GIT *24 August 2022 at 00:40*

   Here are some useful urls
   WD1600BEAE

   AXXIMMPRO

84.

    Berita Islam *28 August 2022 at 01:59*

    bagishared
    bagishared

    REPLY

85.

    sana Adverd *5 September 2022 at 14:53*

    Hey Nice post

    REPLY

    1.

       sana Adverd *5 September 2022 at 14:53*

       Great work bro

    2.

       sana Adverd *5 September 2022 at 14:54*

       shadi dresses for girl

86.

    VBTONVXUYX *12 October 2022 at 03:09*

[Google'a](#) link vermeyi denedim ben bu deneme yorumu ...

.

REPLY

87.

*coinspot login**30 November 2022 at 12:14***

[Kaiser Permanente login](#)
[OFX Login](#)
[Venmo Login](#)

REPLY

88.

*coinspot login**30 November 2022 at 12:14***

[Remitly Login](#)
[Xoom Log in](#)
[Xoom Log in](#)

REPLY

89.

*Deepika Bajwa**12 February 2023 at 01:07***

If not, then try [kaise online blog](#) for government jobs that closely match your eligibility so you can participate in few application process.

REPLY

90.

*Simran Jagtap**4 April 2023 at 17:54***

Best work coding...if we want more information
[visit here](#)

REPLY

91.

92.

*mark Steve*18 April 2023 at 23:41*

my section 2 database has Hydraulikpresse zu verkaufen will this be resolved in oracle or i have to use msql

REPLY

93.

*mark Steve*22 April 2023 at 00:44*

ok so this is how we find the sw machining centers in our city i am gonna try it !!

REPLY

94.

95.

96.

*A2Z Tobacco**5 June 2023 at 21:26*

"Unleash the sweet and tantalizing flavors of A2Z Tobacco's Runtz Wraps - a sensory journey that will leave you craving for more."

97.

*mr shad**8 July 2023 at 18:09*

"Your article made my day! I found it incredibly insightful and well-written. I'll definitely be coming back for more. Great job!" click now . if you learn best online java certification course in hisar, chandigarh, delhi, noida and all cities in india.

98.

*No.1 Software Training Company**8 August 2023 at 23:18*

Great blog The content is informative and engaging. The author's writing style is captivating. Visit my website to get best Information About Salesforce Marketing Cloud Training in Noida and mention Below Technologies.

Salesforce Marketing Cloud Training in Noida

99.

*유흥알바 여우알바 밤알바 룸알바 그것이 무엇인가?**18 August 2023 at 15:05*

This is the resource I was looking for. Thank you. 퀸알바

100.

101.

Post a Comment
Popular posts from this blog

Section 6 Quiz Oracle Database Programming with SQL

By **Deni Ace** **January 15, 2017**

Section 6 Quiz   (Answer all questions in this

section)   1.   Given the following descriptions of the

employees and jobs tables, which of the following scripts will display each employee ⚡s possible

minimum and maximum salaries based on their job title? EMPLOYEES Table: Name   Null?   Type

EMPLOYEE_ID   NOT NULL   NUMBER (6) FIRST_NAME   VARCHAR2 (20)

LAST_NAME NOT NULL   VARCHAR2 (25) EMAIL NOT NULL   VARCHAR2 (25)

PHONE_NUMBER   VARCHAR2 (20) HIRE_DATE   NOT NULL   DATE

JOB_ID   NOT NULL   VARCHAR2 (10) SALARY   NUMBER (8,2)

COMMISSION_PCT   NUMBER (2,2) MANAGER_ID   NUMBER (6)

DEPARTMENT_ID   NUMBER (4) JOBS Table: Name   Null?   Type JOB_ID   NOT

NULL   VARCHAR2 (10) JOB_TITLE   NOT NULL   VARCHAR2 (35) MIN_SALARY

SHARE

Section 10 Quiz Database Programming With SQL

By **Deni Ace** **January 15, 2017**

Section 10 Quiz   (Answer all questions in this section) 1.   A multiple-row operator expects how many values? Mark for Review (1) Points   One or more (*)   Only one   Two or more   None 2.   The salary column of the f_staffs table contains the following values: 4000 5050 6000 11000 23000 Which of the following statements will return the last_name and first_name of those employees who earn more than 5000? Mark for Review (1) Points   SELECT last_name, first_name FROM f_staffs WHERE salary IN (SELECT last_name, first_name FROM f_staffs WHERE salary <5000 o:p="">   SELECT last_name, first_name FROM f_staffs WHERE salary = (SELECT salary FROM f_staffs WHERE salary < 5000);   SELECT last_name, first_name FROM f_staffs WHERE salary IN (SELECT salary FROM f_staffs WHERE salary > 5000); (*)   SELEC

Section 3 Quiz Oracle Database Programming with SQL

By **Deni Ace** **January 14, 2017**

Section 3 Quiz   (Answer all questions in this

section)   1.   The PLAYERS table contains these columns: PLAYERS TABLE: LAST_NAME VARCHAR2 (20) FIRST_NAME VARCHAR2 (20) SALARY NUMBER(8,2) TEAM_ID NUMBER(4) MANAGER_ID NUMBER(9) POSITION_ID NUMBER(4) You must display the player name, team id, and salary for players whose salary is in the range from 25000 through 100000 and whose team id is in the range of 1200 through 1500. The results must be sorted by team id from lowest to highest and then further sorted by salary from highest to lowest. Which statement should you use to display the desired result? Mark for Review (1) Points   SELECT last_name, first_name, team_id, salary FROM players

WHERE salary BETWEEN 24999.99 AND 100000.01 AND team_id BETWEEN 1200 AND 1500

ORDER BY team_id DESC, salary DESC;   SELECT last

(Answer all questions in this section)

1.   What are the three properties that every relationship should have?   Mark for Review

(1) Points

          Name, optionality, cardinality (*)

          A UID bar, a diamond, an arc

          Name, optionality, arcs

          Transferability, degree, name

2.   Relationships can be either mandatory or optional. True or False?   Mark for Review

(1) Points

           True (*)

           False

3.   In a business that sells pet food, choose the best relationship name between FOOD

TYPE and ANIMAL (e.g. dog, horse, or cat). (Choose Two)   Mark for Review

(1) Points

                              (Choose all correct answers)

          Each ANIMAL must be the seller of one or more FOOD TYPES.

          Each FOOD TYPE may be manufactured by one or more ANIMALs.

          Each FOOD TYPE must be suitable for one or more ANIMALs. (*)

          Each FOOD TYPE may be given to one or more ANIMALs. (*)

4. One Relationship can be mandatory in one direction and optional in the other direction. True or False? Mark for Review

(1) Points

      True (*)

      False

5. Which of the following are used to show Cardinality on an ERD? (Choose two) Mark for Review

(1) Points

              (Choose all correct answers)

      Crow's foot. (*)

      Solid line.

      Single toe. (*)

      Dashed line.

6. Which of the following are true about Cardinality? (Choose two) Mark for Review

(1) Points

              (Choose all correct answers)

      Cardinality tells "how many". (*)

      Cardinality specifies a counting number (like 1, 2, 3, 4 etc.) in a relationship.

      Cardinality specifies whether something is required or not.

      Cardinality specifies only singularity or plurality, but not a specific plural number. (*)

7. Which symbol is used to show that a particular attribute is mandatory? Mark for Review

(1) Points

      &

      #

o

* (*)

8.   Entity boxes are drawn as   Mark for Review
(1) Points

   Soft Boxes (*)

   Hard Boxes

   Normal Circles

   Bold Circles

9.   ERDish describes a relationship in words. True or False? Mark for Review
(1) Points

   True (*)

   False

10.   Which of the following are used to show a relationship on an ERD? (Choose

Three)   Mark for Review
(1) Points

                 (Choose all correct answers)

   Dashed line. (*)

   Crow's foot. (*)

   Solid line. (*)

   # symbol.

11. When reading a relationship between 2 entities, the relationship is read both from left to right

and right to left. True or False?   Mark for Review
(1) Points

   True (*)

False

12. Relationship names are not shown on an ERD. True or False?   Mark for Review
(1) Points

    True

    False (*)

13. Matrix Diagrams show Optionality and Cardinality of the ERDs they document. True or

False?   Mark for Review
(1) Points

    True

    False (*)

14.   Matrix Diagrams are developed BEFORE the ERD. True or False?   Mark for

Review
(1) Points

    True (*)

    False

15.   Matrix Diagrams are used to verify that all relationships have been identified for an ERD.

True or False? Mark for Review
(1) Points

    True (*)

    False

1.   Which of the following are used to show a relationship on an ERD? (Choose

Three)   Mark for Review
(1) Points

                        (Choose all correct answers)

symbol.

Solid line. (*)

Dashed line. (*)

Crow's foot. (*)

2.   Relationship names are not shown on an ERD. True or False?   Mark for Review
(1) Points

True

False (*)

3.   When reading the relationships in an ERD, you are said to be speaking: Mark for Review
(1) Points

Entity-ish

Gibberish

ERDish (*)

Relationship-ish

4.   ERDish describes a relationship in words. True or False? Mark for Review
(1) Points

True (*)

False

5.   What are the three properties that every relationship should have?   Mark for Review
(1) Points

Name, optionality, arcs

Transferability, degree, name

Name, optionality, cardinality (*)

A UID bar, a diamond, an arc

6.   Relationships can be either mandatory or optional. True or False?   Mark for Review
(1) Points

        True (*)

        False

7.   Which of the following are used to show Cardinality on an ERD? (Choose two)   Mark
for Review
(1) Points

                        (Choose all correct answers)

        Single toe. (*)

        Dashed line.

        Crow's foot. (*)

        Solid line.

8.   Relationships always exist between   Mark for Review
(1) Points

        3 or more attributes

        3 or more entities

        2 entities (or one entity and itself) (*)

        2 attributes

9.   In a business that sells pet food, choose the best relationship name between FOOD
TYPE and ANIMAL (e.g. dog, horse, or cat). (Choose Two)   Mark for Review
(1) Points

                        (Choose all correct answers)

        Each ANIMAL must be the seller of one or more FOOD TYPES.

        Each FOOD TYPE may be given to one or more ANIMALs. (*)

Each FOOD TYPE may be manufactured by one or more ANIMALs.

Each FOOD TYPE must be suitable for one or more ANIMALs. (*)

10.   Which of the following are true about Cardinality? (Choose two)   Mark for Review

(1) Points

(Choose all correct answers)

Cardinality specifies whether something is required or not.

Cardinality specifies only singularity or plurality, but not a specific plural number. (*)

Cardinality tells "how many". (*)

Cardinality specifies a counting number (like 1, 2, 3, 4 etc.) in a relationship.

11.   To identify an attribute as part of a unique identifier on an ER diagram, the # symbol goes in front of it. True or False?   Mark for Review

(1) Points

True (*)

False

12.   Entity names are always singular. True or False?   Mark for Review

(1) Points

True (*)

False

13.   Matrix Diagrams show Optionality and Cardinality of the ERDs they document. True or False?   Mark for Review

(1) Points

True

False (*)

14.   Matrix Diagrams are developed BEFORE the ERD. True or False?   Mark for Review

Review

(1) Points

        True (*)

        False

15.   Matrix Diagrams are used to verify that all relationships have been identified for an ERD.

True or False? Mark for Review

(1) Points

        True (*)

        False

1.   Entity names are always singular. True or False?   Mark for Review

(1) Points

        True (*)

        False

2.   Entity boxes are drawn as   Mark for Review

(1) Points

        Normal Circles

        Hard Boxes

        Soft Boxes (*)

        Bold Circles

3.   Relationship names are not shown on an ERD. True or False?   Mark for Review

(1) Points

        True

False (*)

4.   ERDish describes a relationship in words. True or False? Mark for Review
(1) Points

        True (*)

        False

5.   Which of the following are used to show a relationship on an ERD? (Choose

Three)   Mark for Review
(1) Points

                        (Choose all correct answers)

        Crow's foot. (*)

        Solid line. (*)

        # symbol.

        Dashed line. (*)

6.   When reading a relationship between 2 entities, the relationship is read both from left to

right and right to left. True or False?   Mark for Review
(1) Points

        True (*)

        False

7.   Which of the following are true about Cardinality? (Choose two)   Mark for

Review
(1) Points

                        (Choose all correct answers)

        Cardinality specifies whether something is required or not.

        Cardinality tells "how many". (*)

Cardinality specifies only singularity or plurality, but not a specific plural number. (*)

Cardinality specifies a counting number (like 1, 2, 3, 4 etc.) in a relationship.

8.   Which of the following are true about Relationship Optionality? (Choose two)   Mark for Review

(1) Points

(Choose all correct answers)

Optionality specifies only singularity or plurality, but not a specific plural number.

Optionality answers "may or must". (*)

Optionality specifies a counting number (like 1, 2, 3, 4 etc.) in a relationship.

Optionality specifies whether something is required or not. (*)

9.   In a business that sells pet food, choose the best relationship name between FOOD TYPE and ANIMAL (e.g. dog, horse, or cat). (Choose Two)   Mark for Review

(1) Points

(Choose all correct answers)

Each FOOD TYPE may be given to one or more ANIMALs. (*)

Each FOOD TYPE may be manufactured by one or more ANIMALs.

Each FOOD TYPE must be suitable for one or more ANIMALs. (*)

Each ANIMAL must be the seller of one or more FOOD TYPES.

10. What are the three properties that every relationship should have? Mark for Review

(1) Points

Transferability, degree, name

Name, optionality, arcs

Name, optionality, cardinality (*)

A UID bar, a diamond, an arc

11. Relationship Cardinality is important. True or False? Mark for Review
(1) Points

   True (*)

   False

12. Relationships can be either mandatory or optional. True or False? Mark for Review
(1) Points

   True (*)

   False

13. Matrix Diagrams are used to verify that all relationships have been identified for an ERD.
True or False? Mark for Review
(1) Points

   True (*)

   False

14. Matrix Diagrams are developed BEFORE the ERD. True or False? Mark for
Review
(1) Points

   True (*)

   False

15. Matrix Diagrams show Optionality and Cardinality of the ERDs they document. True or
False? Mark for Review
(1) Points

   True

   False (*)

1.　　Entity boxes are drawn as　　Mark for Review

(1) Points

　　　Normal Circles

　　　Hard Boxes

　　　Bold Circles

　　　Soft Boxes (*)

2.　　Entity names are always singular. True or False?　　Mark for Review

(1) Points

　　　True (*)

　　　False

3.　　Matrix Diagrams are developed BEFORE the ERD. True or False?　　Mark for Review

(1) Points

　　　True (*)

　　　False

4.　　Matrix Diagrams show Optionality and Cardinality of the ERDs they document. True or False?　　Mark for Review

(1) Points

　　　True

　　　False (*)

5.　　Matrix Diagrams are used to verify that all relationships have been identified for an ERD. True or False? Mark for Review

(1) Points

　　　True (*)

False

6.	Which of the following are used to show a relationship on an ERD? (Choose

Three)	Mark for Review

(1) Points

(Choose all correct answers)

symbol.

Dashed line. (*)

Crow's foot. (*)

Solid line. (*)

7.	When reading the relationships in an ERD, you are said to be speaking: Mark for Review

(1) Points

Entity-ish

Relationship-ish

Gibberish

ERDish (*)

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True

False (*)

9.	ERDish describes a relationship in words. True or False? Mark for Review

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False

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Review

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11.	One Relationship can be mandatory in one direction and optional in the other direction.

True or False? Mark for Review

(1) Points

True (*)

False

12.	Relationships always exist between	Mark for Review

(1) Points

3 or more attributes

3 or more entities

2 entities (or one entity and itself) (*)

2 attributes

13.	Which of the following are true about Cardinality? (Choose two)	Mark for

Review

(1) Points

(Choose all correct answers)

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Cardinality specifies a counting number (like 1, 2, 3, 4 etc.) in a relationship.

Cardinality tells "how many". (*)

Cardinality specifies only singularity or plurality, but not a specific plural number. (*)

14. Which of the following are used to show Cardinality on an ERD? (Choose two)   Mark for Review

(1) Points

(Choose all correct answers)

Single toe. (*)

Crow's foot. (*)

Dashed line.

Solid line.

15.   What are the three properties that every relationship should have?   Mark for Review

(1) Points

A UID bar, a diamond, an arc

Transferability, degree, name

Name, optionality, cardinality (*)

Name, optionality, arcs

Comments

1.

darshi30 January 2019 at 11:13

very helpful

REPLY

1.

   *Adi Gunawan**17 April 2020 at 20:41***

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2.

   *Unknown**1 October 2019 at 19:36***

   That's nice explanation sir i really appreciate that

   REPLY

3.

   *andrei**23 September 2020 at 12:20***

   Cool! Thank you very much, nice work!

   REPLY

4.

   *Dyah W**24 September 2020 at 20:37***

   thank you sir

   REPLY

5.

   *Emily Clark**28 September 2020 at 16:58***

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6.

*Unow22**4 September 2021 at 23:13*

Hair follicle testing can reach back as far as 90 days with high levels of accuracy, giving it the longest range of detection among the available drug test types. Depending on the substance used, a hair follicle test can even determine when someone started and ended their use period. Hair follicle drug tests can detect drug use in the past 90 days. Typically, because they're such an expensive testing method, they'll come few and far between. That means you can stock up on detox shampoo and keep it handy if something like that ever does occur! In this guide today, we went over frequently asked questions users have about detoxing their hair, as well as the detox methods involved. We touched on the best detox shampoos, why and when to use them, and more. Visit: https://www.urineworld.com/

REPLY

7.

*Lezeto Media**1 December 2021 at 00:24*

How To Keep Good Relationship with Your Girlfriend?

REPLY

8.

_paripate Blogger__28 December 2021 at 22:21_

Nice post thanks for share information
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9.

_Lavanya__25 February 2022 at 14:52_

I really liked your blog post.Much thanks again. Awesome.
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Learn Pega Online

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10.

_aika__31 August 2022 at 22:18_

The many end of a Relationship is called:
Gulls Foot
Crows Ear
Pigs Ear
Crows Foot *

REPLY

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Section 6 Quiz Oracle Database Programming with SQL

By Deni Ace January 15, 2017

Section 6 Quiz   (Answer all questions in this

section)   1.   Given the following descriptions of the

employees and jobs tables, which of the following scripts will display each employee ⚡ s possible minimum and maximum salaries based on their job title? EMPLOYEES Table: Name   Null?   Type

EMPLOYEE_ID   NOT NULL   NUMBER (6) FIRST_NAME   VARCHAR2 (20)

LAST_NAME NOT NULL   VARCHAR2 (25) EMAIL NOT NULL   VARCHAR2 (25)

PHONE_NUMBER   VARCHAR2 (20) HIRE_DATE   NOT NULL   DATE

JOB_ID   NOT NULL   VARCHAR2 (10) SALARY   NUMBER (8,2)

COMMISSION_PCT   NUMBER (2,2) MANAGER_ID   NUMBER (6)

DEPARTMENT_ID   NUMBER (4) JOBS Table: Name   Null?   Type JOB_ID   NOT NULL   VARCHAR2 (10) JOB_TITLE   NOT NULL   VARCHAR2 (35) MIN_SALARY

Section 10 Quiz Database Programming With SQL

By Deni Ace January 15, 2017

Section 10 Quiz   (Answer all questions in this section) 1.   A multiple-row operator expects how many values?   Mark for Review (1) Points   One or more (*)   Only one   Two or more   None 2.   The salary column of the f_staffs table contains the following values: 4000 5050 6000 11000 23000 Which of the following statements will return the last_name and first_name of those employees who earn more than 5000? Mark for Review (1) Points   SELECT last_name, first_name FROM f_staffs WHERE salary IN (SELECT last_name, first_name FROM f_staffs WHERE salary <5000 o:p="">   SELECT last_name, first_name FROM f_staffs WHERE salary = (SELECT salary FROM f_staffs WHERE salary < 5000);   SELECT last_name, first_name FROM f_staffs WHERE salary IN (SELECT salary FROM f_staffs WHERE salary > 5000); (*)   SELEC

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By Deni Ace January 14, 2017

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