

03063548328



1 FOR Solving Quiz



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CS403 - Database Management Systems

Grand Quiz 2020 (Covid19)

Solved By Sonu Ilyas Mughal

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CS403:Grand Quiz

Question # 1 of 30 (Start time: 10:10:37 PM, 09 July 2020)

In many to many relationship a third table is created for the relationship, which is also called as _____.

Select the correct option

- | | |
|----------------------------------|-------------------------|
| <input type="radio"/> | Binary relation |
| <input checked="" type="radio"/> | Associative entity type |
| <input type="radio"/> | Unary relationship |

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Question # 3 of 30 (Start time: 10:13:07 PM, 09 July 2020)

The conceptual database design is drawn through_____.

Select the correct option

<input type="radio"/>	Data model
<input checked="" type="radio"/>	E-R model
<input type="radio"/>	Database design

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Question # 4 of 30 (Start time: 10:14:25 PM, 09 July 2020)

The maximum PL/SQL size of data type "VARCHAR2" in DBMS is _____ bytes.

Select the correct option

- | | |
|----------------------------------|-------|
| <input type="radio"/> | 42767 |
| <input type="radio"/> | 52767 |
| <input checked="" type="radio"/> | 32767 |

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Question # 5 of 50 (Start time: 10:10:17 AM, 03 July 2020)

_____ are those attributes that are a combination of two or more than two attributes.

Select the correct option

- | | |
|----------------------------------|----------------------|
| <input type="radio"/> | Default value |
| <input type="radio"/> | Null value |
| <input type="radio"/> | Primary key |
| <input checked="" type="radio"/> | Composite Attributes |

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Question # 6 of 30 (Start time: 10:15:32 PM, 09 July 2020)

A relation is said to be in BCNF when

Select the correct option

- | | |
|----------------------------------|------------------------------------|
| <input checked="" type="radio"/> | it has overlapping composite keys |
| <input type="radio"/> | it has no composite keys |
| <input type="radio"/> | it has no multivalued dependencies |

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Question # 7 of 30 (Start time: 10:16:36 PM, 09 July 2020)

Unary relationship involve a single entity it is also called _____.

Select the correct option

- | | |
|-----------------------|---------------------------|
| <input type="radio"/> | One to one relationship |
| <input type="radio"/> | One to many relationship |
| <input type="radio"/> | Many to many relationship |

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Question # 8 of 30 (Start time: 10:17:03 PM, 09 July 2020)

In cross reference matrix attributes are mention on _____ and reports are mention on _____.

Select the correct option

- | | |
|----------------------------------|----------------|
| <input type="radio"/> | Y axis, X axis |
| <input type="radio"/> | Y axis, Z axis |
| <input checked="" type="radio"/> | X axis, Y axis |

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Question # 9 of 30 (Start time: 10:18:28 PM, 09 July 2020)

Each _____ of a table contains atomic/single value.

Select the correct option

- | | |
|----------------------------------|--------|
| <input checked="" type="radio"/> | Cell |
| <input type="radio"/> | Row |
| <input type="radio"/> | Column |

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Question # 10 of 30 (Start time: 10:18:54 PM, 09 July 2020)

Each component of DBMS performs _____ functions.

Select the correct option

<input type="radio"/>	Similar
<input checked="" type="radio"/>	Different
<input type="radio"/>	Identical

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Question # 11 of 30 (Start time: 10:19:37 PM, 09 July 2020)

Which database design represents the structure of the database?

Select the correct option

- | | |
|-----------------------|------------|
| <input type="radio"/> | Conceptual |
| <input type="radio"/> | Internal |
| <input type="radio"/> | External |

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Question # 12 of 30 (Start time: 10:20:58 PM, 09 July 2020)

A collection of concepts that can be used to describe the structure of a database

Select the correct option

- | | |
|-----------------------|------------|
| <input type="radio"/> | Database |
| <input type="radio"/> | DBMS |
| <input type="radio"/> | Data model |

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Question # 13 of 30 (Start time: 10:21:37 PM, 09 July 2020)

Which of the following does not belong to the Semantic Data Model.

Select the correct option

- | | |
|----------------------------------|----------------------------|
| <input type="radio"/> | ER- Data Model |
| <input checked="" type="radio"/> | Network Data model |
| <input type="radio"/> | Object oriented data model |

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Question # 14 of 30 (Start time: 10:23:06 PM, 09 July 2020)

Suppose, we have two entities "Shape" and "Triangle", then which of the following is a correct statement?

Select the correct option

- | | |
|----------------------------------|--|
| <input checked="" type="radio"/> | Shape is a super type entity and Triangle is a sub type entity |
| <input type="radio"/> | Shape is a sub type entity and Triangle is a super type entity |
| <input type="radio"/> | Shape and Triangle both are super type entities |
| <input type="radio"/> | Shape and Triangle both are sub type entities |

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Question # 16 of 30 (Start time: 10:25:25 PM, 09 July 2020)

Relational Calculus is a _____ relational data manipulation language.

Select the correct option

- | | |
|-----------------------|--------------------------|
| <input type="radio"/> | Procedural, Informal |
| <input type="radio"/> | Non-Procedural, Informal |
| <input type="radio"/> | Procedural, Formal |

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Question # 17 of 30 (Start time: 10:26:23 PM, 09 July 2020)

Which constraint is generally used for efficiency purposes in the data entry process?

Select the correct option

<input type="radio"/>	Null value
<input type="radio"/>	Integer value
<input type="radio"/>	Default value

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Question # 18 of 30 (Start time: 10:27:00 PM, 09 July 2020)

Candidate keys which are not selected as primary key are called_____

Select the correct option

<input type="radio"/>	Secondary Keys
<input type="radio"/>	Foreign Keys
<input type="radio"/>	Alternate Keys

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Question # 19 of 30 (Start time: 10:27:33 PM, 09 July 2020)

In an ERD, the focus is on the ____ and the relationships between them.

Select the correct option

- | | |
|----------------------------------|------------|
| <input type="radio"/> | attributes |
| <input checked="" type="radio"/> | entities |
| <input type="radio"/> | keys |

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Question # 20 of 30 (Start time: 10:28:22 PM, 09 July 2020)

The entity that is NOT dependent on any other entity for its existence is known as _____ entity.

Select the correct option

- | | |
|----------------------------------|-----------|
| <input type="radio"/> | Weak |
| <input checked="" type="radio"/> | Strong |
| <input type="radio"/> | Derived |
| <input type="radio"/> | Dependent |

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Question # 21 of 30 (Start time: 10:28:44 PM, 09 July 2020)

A _____ is used to combine rows from two or more tables, based on a related column between them.

Select the correct option

- | | |
|----------------------------------|------------------|
| <input type="radio"/> | Select operator |
| <input type="radio"/> | Project operator |
| <input checked="" type="radio"/> | Join operation |
| <input type="radio"/> | Delete operator |

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Question # 22 of 30 (Start time: 10:29:53 PM, 09 July 2020)

A software package designed to store and manage databases

Select the correct option

- | | |
|----------------------------------|------------|
| <input type="radio"/> | Database |
| <input checked="" type="radio"/> | DBMS |
| <input type="radio"/> | Data model |

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CS400: Grand Quiz

Question # 23 of 30 (**Start time: 10:30:24 PM, 09 July 2020**)

How data security can be assured in the database?

Select the correct option

- | | |
|-----------------------|-------------------------------------|
| <input type="radio"/> | By hiding data from all |
| <input type="radio"/> | Through concurrent access of users |
| <input type="radio"/> | By asking users not to share things |

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CS403:Grand Quiz

Question # 25 of 30 (Start time: 10:31:22 PM, 09 July 2020)

The conceptual database design can be transformed into any_____.

Select the correct option

- | | |
|----------------------------------|-----------------|
| <input checked="" type="radio"/> | Data model |
| <input type="radio"/> | Database design |
| <input type="radio"/> | E-R model |

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Question # 26 of 30 (Start time: 10:32:18 PM, 09 July 2020)

For third normal form we concentrate on relations with one _____ key, and we eliminate transitive dependencies

Select the correct option

- | | |
|----------------------------------|-------------|
| <input checked="" type="radio"/> | Candidate |
| <input type="radio"/> | Composite |
| <input type="radio"/> | Super key |
| <input type="radio"/> | Primary key |

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Question # 27 of 30 (Start time: 10:33:23 PM, 09 July 2020)

If $A \rightarrow B$ and $A \rightarrow C$, then $A \rightarrow BC$
The Inference Rule applies is;

Select the correct option

<input checked="" type="radio"/>	Union
<input type="radio"/>	Decomposition
<input type="radio"/>	Augmentation

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Question # 28 of 30 (Start time: 10:34:12 PM, 09 July 2020)

Given the following relation it is not 3 NF because
Student (roll no, name, course no, course max. marks, year of study,
address), where roll no is PK

Select the correct option

- | | |
|----------------------------------|---|
| <input checked="" type="radio"/> | it is not in 2 NF |
| <input type="radio"/> | it does not have composite key |
| <input type="radio"/> | non-key attributes course no and course max. marks are functionally dependent |

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Question # 29 of 30 (Start time: 10:35:41 PM, 09 July 2020)

Duplication of data in controlled redundancy is controlled and _____.

Select the correct option

<input checked="" type="radio"/>	Deliberate
<input type="radio"/>	Necessary
<input type="radio"/>	Precise

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Question # 1 of 30 (Start time: 10:44:34 PM, 09 July 2020)

A patient can be an outdoor or indoor. Analyze this statement and tell what type of constraint will be applied on patient?

Select the correct option

<input type="radio"/>	Total completeness
<input checked="" type="radio"/>	Partial Completeness
<input type="radio"/>	Total Disjoint
<input type="radio"/>	Partial Disjoint

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Question # 3 of 30 (Start time: 10:46:53 PM, 09 July 2020)

An attribute that is the collection of some other attribute(s) is known as _____ attribute.

Select the correct option

- | | |
|-----------------------|---------------|
| <input type="radio"/> | Multi-valued |
| <input type="radio"/> | Single-valued |
| <input type="radio"/> | No-valued |
| <input type="radio"/> | Composite |

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Question # 4 of 30 (Start time: 10:48:06 PM, 09 July 2020)

The entity relationship diagram is used to graphically represent the ____ database model.

Select the correct option

- | | |
|-----------------------|-----------|
| <input type="radio"/> | condensed |
| <input type="radio"/> | physical |
| <input type="radio"/> | logical |

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Question # 5 of 30 (Start time: 10:49:15 PM, 09 July 2020)

A relation is said to be in BCNF when

Select the correct option

- | | |
|----------------------------------|------------------------------------|
| <input checked="" type="radio"/> | it has overlapping composite keys |
| <input type="radio"/> | it has no composite keys |
| <input type="radio"/> | it has no multivalued dependencies |

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Question # 6 of 30 (Start time: 10:50:35 PM, 09 July 2020)

How many types of cardinality is specified about relationship?

Select the correct option

- | | |
|-----------------------|-------|
| <input type="radio"/> | Two |
| <input type="radio"/> | One |
| <input type="radio"/> | Three |

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Question # 7 of 30 (**Start time: 10:50:49 PM, 09 July 2020**)

Database Application is a program which is used for performing certain operations such as

Select the correct option

- | | |
|-----------------------|--------------------|
| <input type="radio"/> | Insertion of data |
| <input type="radio"/> | Extraction of data |
| <input type="radio"/> | Updating the data |

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Question # 8 of 30 (Start time: 10:51:04 PM, 09 July 2020)

The basic purpose of Diamond in ER diagram is to show the _____.

Select the correct option

- | | |
|----------------------------------|---------------------|
| <input type="radio"/> | Attributes |
| <input checked="" type="radio"/> | Relationships |
| <input type="radio"/> | Composite attribute |

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Question # 9 of 30 (Start time: 10:51:16 PM, 09 July 2020)

Collection of raw facts is called ____.

Select the correct option

- | | |
|-----------------------|-------------|
| <input type="radio"/> | Information |
| <input type="radio"/> | Object |
| <input type="radio"/> | Output |

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Question # 10 of 30 (Start time: 10:51:27 PM, 09 July 2020)

Given the following relation it is not 3 NF because
Student (roll no, name, course no, course max. marks, year of study,
address), where roll no is PK

Select the correct option

- | | |
|-----------------------|---|
| <input type="radio"/> | it is not in 2 NF |
| <input type="radio"/> | it does not have composite key |
| <input type="radio"/> | non-key attributes course no and course max. marks are functionally dependent |

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Question # 11 of 30 (**Start time: 10:52:48 PM, 09 July 2020**)

There are _____ basic properties of the database relations.

Select the correct option

- | | |
|-----------------------|-------|
| <input type="radio"/> | Four |
| <input type="radio"/> | Three |
| <input type="radio"/> | Six |

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Question # 12 of 30 (Start time: 10:53:41 PM, 09 July 2020)

Major benefit of data sharing is:

Select the correct option

- | | |
|----------------------------------|--|
| <input type="radio"/> | Data of same applications placed at same place |
| <input type="radio"/> | Data of same applications placed at different places |
| <input checked="" type="radio"/> | Data of different application placed at same place |

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Question # 13 of 30 (Start time: 10:54:28 PM, 09 July 2020)

Suppose a relation has five columns and ten rows, select the correct option to identify the degree of relation.

Select the correct option

<input checked="" type="radio"/>	Five
<input type="radio"/>	Ten
<input type="radio"/>	Fifteen

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Question # 14 of 30 (Start time: 10:55:23 PM, 09 July 2020)

Which of the following might be represented with a single-valued attribute?

Select the correct option

- | | |
|----------------------------------|-----------------------------------|
| <input checked="" type="radio"/> | person's phone number |
| <input type="radio"/> | car's color |
| <input type="radio"/> | employee's educational background |

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Question # 15 of 30 (Start time: 10:56:52 PM, 09 July 2020)

Which of the following is INCORRECT about naming entities?

Select the correct option

- | | |
|-----------------------|---|
| <input type="radio"/> | Singular nouns are used |
| <input type="radio"/> | Write in capitals |
| <input type="radio"/> | Organization specific names can be used |
| <input type="radio"/> | Always use abbreviations as they are convenient |

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Question # 16 of 30 (**Start time: 10:58:07 PM, 09 July 2020**)

Each _____ of a table contains atomic/single value.

Select the correct option

- | | |
|----------------------------------|--------|
| <input checked="" type="radio"/> | Cell |
| <input type="radio"/> | Row |
| <input type="radio"/> | Column |

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Question # 17 of 30 (Start time: 10:58:18 PM, 09 July 2020)

Each component of DBMS performs _____ functions.

Select the correct option

- | | |
|----------------------------------|-----------|
| <input type="radio"/> | Similar |
| <input checked="" type="radio"/> | Different |
| <input type="radio"/> | Identical |

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Question # 18 of 30 (Start time: 10:58:30 PM, 09 July 2020)

The Select operation works horizontally on the table, on the other hand the _____ operates on a single table vertically.

Select the correct option

- | | |
|----------------------------------|------------------|
| <input type="radio"/> | Binary operator |
| <input checked="" type="radio"/> | Project operator |
| <input type="radio"/> | Join operation |
| <input type="radio"/> | Select Operator |

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Question # 19 of 30 (Start time: 10:59:06 PM, 09 July 2020)

Which one of the following is not an advantage of DBMS.

Select the correct option

- | | |
|----------------------------------|--|
| <input type="radio"/> | Data consistency |
| <input checked="" type="radio"/> | Recovery procedure is difficult |
| <input type="radio"/> | Faster development of new applications |

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Question # 20 of 30 (Start time: 11:00:12 PM, 09 July 2020)

While converting to 2NF all the columns are deleted from the original table except for the determinant which will serve as a _____ key.

Select the correct option

<input type="radio"/>	Composite Key
<input type="radio"/>	Super key
<input checked="" type="radio"/>	Foreign key
<input type="radio"/>	Primary key

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48 FOR Solving Quiz



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Question # 21 of 30 (Start time: 11:00:56 PM, 09 July 2020)

If $A \rightarrow B$ and $A \rightarrow C$, then $A \rightarrow BC$
The Inference Rule applies is;

Select the correct option

- | | |
|----------------------------------|---------------|
| <input checked="" type="radio"/> | Union |
| <input type="radio"/> | Decomposition |
| <input type="radio"/> | Augmentation |

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Question # 22 of 30 (**Start time: 11:01:07 PM, 09 July 2020**)

The _____ determines that the link between two entities is optional or mandatory.

Select the correct option

- | | |
|----------------------------------|---------------------|
| <input type="radio"/> | Maximum cardinality |
| <input checked="" type="radio"/> | Minimum cardinality |
| <input type="radio"/> | Maximum degree |

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Question # 23 of 30 (Start time: 11:02:12 PM, 09 July 2020)

If an entity "motor cycle" is associated with at most one "driver", then the relationship between these two entities is:

Select the correct option

- | | |
|----------------------------------|--------------|
| <input checked="" type="radio"/> | One to one |
| <input type="radio"/> | One to many |
| <input type="radio"/> | Many to many |
| <input type="radio"/> | Many to one |

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Question # 25 of 30 (Start time: 11:04:40 PM, 09 July 2020)

We have two entities "Person" and "Doctor". Which of the following is best suitable type of relationship between the mentioned entities?

Select the correct option

- | | |
|----------------------------------|-------------|
| <input checked="" type="radio"/> | Inheritance |
| <input type="radio"/> | Sub type |
| <input type="radio"/> | Super type |
| <input type="radio"/> | Unary |

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Question # 27 of 30 (Start time: 11:06:25 PM, 09 July 2020)

The conceptual database design is drawn through _____ .

Select the correct option

- | | |
|----------------------------------|-----------------|
| <input type="radio"/> | Data model |
| <input checked="" type="radio"/> | E-R model |
| <input type="radio"/> | Database design |

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Question # 28 of 30 (**Start time: 11:06:53 PM, 09 July 2020**)

In _____ appropriate data model is chosen.

Select the correct option

- | | |
|-----------------------|----------------------------|
| <input type="radio"/> | ERD |
| <input type="radio"/> | Conceptual Database Design |
| <input type="radio"/> | Logical Database Design |

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Question # 29 of 30 (Start time: 11:08:04 PM, 09 July 2020)

Normalization is a process of restructuring a relation to

Select the correct option

- | | |
|----------------------------------|--|
| <input checked="" type="radio"/> | minimize duplication of data in a database |
| <input type="radio"/> | maximize duplication of data to ensure reliability |
| <input type="radio"/> | make it of uniform size |

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Question # 30 of 30 (Start time: 11:08:44 PM, 09 July 2020)

Which of the following tool is used to graphically represent the components and design of the system?

Select the correct option

<input type="radio"/>	CRM
<input checked="" type="radio"/>	DFD
<input type="radio"/>	CRF
<input type="radio"/>	EDF

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Question # 30 of 30 (Start time: 10:36:38 PM, 09 July 2020)

A patient can be an outdoor or indoor. Analyze this statement and tell what type of constraint will be applied on patient?

Select the correct option

- | | |
|----------------------------------|----------------------|
| <input type="radio"/> | Total completeness |
| <input type="radio"/> | Partial Completeness |
| <input checked="" type="radio"/> | Total Disjoint |
| <input type="radio"/> | Partial Disjoint |