

**RIZ MUGHAL**

# QUIZ MASTER

## Grand Quiz(CS614)

100% correct solution.

For more information you can visit my channel and for any type of help related to CS619 you can contact me.



### **YOUTUBE CHANNEL:**

<https://www.youtube.com/channel/UCINsFwDiB62SValCcPDZbRQ/playlists>

### **FACEBOOK GROUP:**

<https://www.facebook.com/groups/923887914750307>

CS614:Grand Quiz

Question # 1 of 30 ( **Start time: 12:18:55 AM, 31 December 2020** )

Which of the following is one of the methods to simplify an ER model?

Select the correct option

- |                                  |                 |
|----------------------------------|-----------------|
| <input type="radio"/>            | Normalization   |
| <input checked="" type="radio"/> | Denormalization |
| <input type="radio"/>            | HOLAP           |
| <input type="radio"/>            | Hybrid schema   |

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Question # 2 of 30 ( Start time: 12:19:13 AM, 31 December 2020 )

Enrichment is one of the basic tasks in data \_\_\_\_\_.

Select the correct option

- |                                  |                |
|----------------------------------|----------------|
| <input type="radio"/>            | Extraction     |
| <input checked="" type="radio"/> | Transformation |
| <input type="radio"/>            | Loading        |
| <input type="radio"/>            | Summarization  |

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Question # 3 of 30 ( Start time: 12:19:28 AM, 31 December 2020 )

Grain of a fact table means:

Select the correct option

- The meaning of one fact table row
- The meaning of one dimensional table row
- Summary of aggregates in all fact tables
- Summary of aggregates in all dimension tables



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Question # 4 of 30 ( Start time: 12:19:41 AM, 31 December 2020)

\_\_\_\_\_ gives total view of an organization

Select the correct option

- |                                     |                |
|-------------------------------------|----------------|
| <input type="radio"/>               | OLAP           |
| <input type="radio"/>               | OLTP           |
| <input checked="" type="checkbox"/> | Data Warehouse |
| <input type="radio"/>               | Database       |

Question # 5 of 30 ( Start time: 12:19:58 AM, 31 December 2020 )

In the decision support environment, the decision maker is interested in \_\_\_\_\_

Select the correct option

- Only limited organizational data
- Big picture of organizational data
- Only sale related data
- Only customer related data

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Question # 6 of 30 ( Start time: 12:20:17 AM, 31 December 2020 )

\_\_\_\_\_ is the application of intelligence and experience to get common goals.

Select the correct option

<input checked="" type="radio"/>	Wisdom
<input type="radio"/>	Education
<input type="radio"/>	Power
<input type="radio"/>	Information

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Question # 7 of 30 ( Start time: 12:20:30 AM, 31 December 2020 )

The data perspective in OLTP system is operational, while that in data warehouse is:

Select the correct option

- |                                  |                         |
|----------------------------------|-------------------------|
| <input type="radio"/>            | Fully Normalized        |
| <input type="radio"/>            | Fully de-normalized     |
| <input type="radio"/>            | Fully summarized        |
| <input checked="" type="radio"/> | Historical and detailed |



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Question # 8 of 30 ( Start time: 12:21:23 AM, 31 December 2020

Which is the most complex type of transformation in the following?

Select the correct option

<input checked="" type="radio"/>	Many-to-many element transformation
<input type="radio"/>	One-to-one scalar transformation
<input type="radio"/>	One-to-many element transformation
<input type="radio"/>	All the given option

Question # 9 of 30 ( Start time: 12:21:38 AM, 31 December 2020 )

\_\_\_\_\_ segregates data into separate partitions so that queries do not need to examine all data in the table.

Select the correct option

- |                                  |                                |
|----------------------------------|--------------------------------|
| <input type="radio"/>            | Pre-joining technique          |
| <input type="radio"/>            | Collapsing tables technique    |
| <input checked="" type="radio"/> | Horizontal splitting technique |
| <input type="radio"/>            | Vertical splitting technique   |

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Question # 10 of 30 ( Start time: 12:21:55 AM, 31 December 2020 )

In the data warehouse environment the data is \_\_\_\_\_.

Select the correct option

- |                                  |  |
|----------------------------------|--|
| <input type="radio"/>            | Subject-oriented                           |
| <input type="radio"/>            | Time-oriented                              |
| <input checked="" type="radio"/> | Both subject and time oriented             |
| <input type="radio"/>            | Neither time-oriented nor subject-oriented |

## Question # 11 of 30 ( Start time: 12:22:07 AM, 31 December 2020 )

Telecommunication data warehouse is dominated by the \_\_\_\_\_ volume of data generated at the call level.

Select the correct option

- |                                  |               |
|----------------------------------|---------------|
| <input type="radio"/>            | Partial       |
| <input type="radio"/>            | Incomplete    |
| <input checked="" type="radio"/> | Sheer         |
| <input type="radio"/>            | Semi-complete |



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Question # 12 of 30 ( Start time: 12:22:23 AM, 31 December 2020 )

One feature of Change Data Capture (CDC) is that:

Select the correct option

- |                                  |  |
|----------------------------------|--|
| <input type="radio"/>            | It pre-calculates change aggregates                  |
| <input type="radio"/>            | It loads the transformed data in real time           |
| <input checked="" type="radio"/> | It only processes the data that has been changed     |
| <input type="radio"/>            | It can automate the transformation of extracted data |

## Question # 13 of 30 ( Start time: 12:22:40 AM, 31 December 2020 )

Which of the following is not a technique of "Changed Data Capture" in currently used Modern Source Systems?

Select the correct option

- |                                  |                      |
|----------------------------------|----------------------|
| <input type="radio"/>            | Timestamps           |
| <input type="radio"/>            | Partitioning         |
| <input type="radio"/>            | Triggers             |
| <input checked="" type="radio"/> | Dimensional Modeling |

Question # 14 of 30 ( Start time: 12:22:54 AM, 31 December 2020 )

\_\_\_\_\_ is the degree to which data accurately reflects the real-world object that the data represents.

Select the correct option

- |                                  |                        |
|----------------------------------|------------------------|
| <input checked="" type="radio"/> | Intrinsic Data Quality |
| <input type="radio"/>            | Realistic Data Quality |
| <input type="radio"/>            | Strong Data Quality    |
| <input type="radio"/>            | Weak Data Quality      |

Question # 15 of 30 ( Start time: 12:23:15 AM, 31 December 2020 )

Two interesting examples of quality dimensions that can make use of the min operator are \_\_\_\_\_.

Select the correct option

- Believability and appropriate amount of data
- Believability and Consistency
- Believability and Redundancy
- Reliability and appropriate amount of data

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Question # 16 of 30 ( Start time: 12:23:28 AM, 31 December 2020 )

The end users of a data warehouse are \_\_\_\_\_

Select the correct option

- Programmers
- Database developers
- Data entry operators
- Business executives

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Question # 17 of 30 ( Start time: 12:23:40 AM, 31 December 2020)

Which of the following is not a CUBE operation?

Select the correct option

- |                                  |            |
|----------------------------------|------------|
| <input checked="" type="radio"/> | ANSI SQL   |
| <input type="radio"/>            | Roll UP    |
| <input type="radio"/>            | Drill Down |
| <input type="radio"/>            | pivoting   |

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Question # 18 of 30 ( Start time: 12:23:53 AM, 31 December 201

Analytical processing uses \_\_\_\_\_.

Select the correct option

- |                                  |                          |
|----------------------------------|--------------------------|
| <input checked="" type="radio"/> | Multi-level aggregates   |
| <input type="radio"/>            | Record level aggregates  |
| <input type="radio"/>            | Table level aggregates   |
| <input type="radio"/>            | All of the given options |

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Question # 19 of 30 ( Start time: 12:24:07 AM, 31 December 2020)

Which of the following is not a technique of 'De-Normalization'?

Select the correct option

- |                                  |                          |
|----------------------------------|--------------------------|
| <input type="radio"/>            | Pre-joining              |
| <input type="radio"/>            | Splitting Tables         |
| <input type="radio"/>            | Adding Redundant Columns |
| <input checked="" type="radio"/> | ER Modeling              |



Question # 20 of 30 ( Start time: 12:24:21 AM, 31 December 2020 )

Total Marks: 1

\_\_\_\_\_ is usually deployed when expressions can be used to group data together in such a way that access can be targeted to a small set of partitions for a significant portion of the DW workload.

Select the correct option

- |                                  |                          |    |
|----------------------------------|--------------------------|----|
| <input type="radio"/>            | Expression elimination   | // |
| <input checked="" type="radio"/> | Expression partitioning  | // |
| <input type="radio"/>            | Expression indexing      | // |
| <input type="radio"/>            | None of the given option | // |

Question # 21 of 30 ( Start time: 12:24:36 AM, 31 December 2020 )

\_\_\_\_\_ should not be present in a relation, so that it would be in third normal form (3NF).

Select the correct option

- |                                  |                            |
|----------------------------------|----------------------------|
| <input checked="" type="radio"/> | Transitive dependency      |
| <input type="radio"/>            | Partial dependency         |
| <input type="radio"/>            | Full-functional dependency |
| <input type="radio"/>            | Multivalued dependency     |

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Question # 22 of 30 ( Start time: 12:24:50 AM, 31 December 2020 )

Time Complexity of Basic Sorted Neighborhood (BSN) Method is \_\_\_\_\_

Select the correct option

- |                                  |               |
|----------------------------------|---------------|
| <input checked="" type="radio"/> | $O(n \log n)$ |
| <input type="radio"/>            | $O(\log n)$   |
| <input type="radio"/>            | $O(n)$        |
| <input type="radio"/>            | $O(2n)$       |

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Question # 23 of 30 ( Start time: 12:25:07 AM, 31 December 2020 )

Decision support system (DSS) is a/an \_\_\_\_\_.

Select the correct option

- |                                  |   |
|----------------------------------|---|
| <input type="radio"/>            | Collection of relational databases in management systems  |
| <input type="radio"/>            | Decision tree whose each node represent a decision  |
| <input checked="" type="radio"/> | Interactive system which enable decision makers to use databases and solve un-structured problems |
| <input type="radio"/>            | Single database of an organization  |



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Question # 24 of 30 ( Start time: 12:25:23 AM, 31 December 2020 )

The \_\_\_\_\_ dimension represents data correctness.

Select the correct option

- |                                  |               |
|----------------------------------|---------------|
| <input checked="" type="radio"/> | Free-of-error |
| <input type="radio"/>            | Completeness  |
| <input type="radio"/>            | Consistency   |
| <input type="radio"/>            | Correctness   |

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Question # 25 of 30 ( Start time: 12:25:36 AM, 31 December 2020 )

Total Marks

The \_\_\_\_\_ operator is conservative in that it assigns to the dimension an aggregate value no higher than the value of its weakest data quality indicator.

Select the correct option

<input checked="" type="radio"/>	Min
<input type="radio"/>	Max
<input type="radio"/>	Min and Max
<input type="radio"/>	None of given

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Question # 26 of 30 ( Start time: 12:25:52 AM, 31 December 2020 )

In the data warehouse, data is collected from \_\_\_\_\_ sources.

Select the correct option

<input type="radio"/>	Homogeneous
<input checked="" type="radio"/>	Heterogeneous
<input type="radio"/>	External
<input type="radio"/>	Internal

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Question # 27 of 30 ( Start time: 12:26:03 AM, 31 December 2020 )

Total Marks: 1

One of the fundamental purpose of de-normalization is to \_\_\_\_\_ a number of physical tables which ultimately reduce the number of joins to answer a query.

Select the correct option

- |                                  |          |
|----------------------------------|----------|
| <input type="radio"/>            | Delete   |
| <input type="radio"/>            | Share    |
| <input type="radio"/>            | Increase |
| <input checked="" type="radio"/> | Decrease |



Question # 28 of 30 ( Start time: 12:26:19 AM, 31 December 2020 )

Total Mark

\_\_\_\_\_ can result in costly errors, such as: False frequency distributions and incorrect aggregates due to double counting.

Select the correct option

- |                                  |                     |
|----------------------------------|---------------------|
| <input checked="" type="radio"/> | Data duplication    |
| <input type="radio"/>            | Data reduction      |
| <input type="radio"/>            | Data anomaly        |
| <input type="radio"/>            | Data transformation |

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Question # 29 of 30 ( Start time: 12:26:34 AM, 31 December 2020 )

"Header size is reduced, allowing more rows per block, thus reducing I/O". The above statement is TRUE with respect to:

Select the correct option

- |                                  |                           |
|----------------------------------|---------------------------|
| <input checked="" type="radio"/> | Vertical splitting        |
| <input type="radio"/>            | Horizontal splitting      |
| <input type="radio"/>            | Adding redundant column   |
| <input type="radio"/>            | None of the given options |

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Question # 30 of 30 ( Start time: 12:26:47 AM, 31 December 2020 )

Which of the following is NOT an example of derived attribute?

Select the correct option

<input type="radio"/>	Age
<input type="radio"/>	CGPA
<input type="radio"/>	Area of rectangle
<input checked="" type="radio"/>	Height