RIZ MUGHAL



QUIZ MASTER

CS614 QUIZ 1 (LEC 21 to 28)

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:Quiz No 01

Question # 1 of 10 (Start time: 07:45:26 AM, 21 January 2021)

Which of the following is NOT one of the variants of Nested-loop join?

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Select the correct option

- Naïve nested-loop join
- Indexed nested-loop join
- Temporary index nested-loop join
- Binary index nested-loop join

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Question # 2 of 10 (Start time: 07:45:44 AM, 21 January 2021)

In B-tree index, the lowest level index blocks are called leaf blocks, and these blocks contain:

Select the correct option

○	NULL value to make the leaf terminal node
◉	Every indexed data value and a corresponding ROWID
○	Every indexed data value and pointer to next level block
○	Every indexed data value and pointer to root block

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Question # 3 of 10 (Start time: 07:45:58 AM, 21 January 2021)

Data is the "_____" on which a Data Warehouse (DWH) runs.

Select the correct option

- (●) Fuel
- ( ) Element
- ( ) Component
- ( ) Entity

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Question # 4 of 10 (Start time: 07:46:09 AM, 21 January 2021)

In context of data parallelism, to get a speed-up of N with N partitions, it must be ensured that:

Select the correct option

- ○ There are enough computing resources
- ○ Query-coordinator is very fast as compared to query servers
- ○ Work done in each partition almost same
- ◉ All of the given options

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Question # 5 of 10 (Start time: 07:46:23 AM, 21 January 2021)

Which of the following is not an activity of Data Quality Analysis Project?

Select the correct option

- ○ "Define"
- ○ "Measure"
- ○ "Analyze"
- ◉ "Compression"

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Question # 6 of 10 (Start time: 07:47:44 AM, 21 January 2021)

The exact formula for Speed-up is:

Select the correct option

- (Time on Serial Processor) / (Time on parallel processors)
- (Time on Serial Processor) * (Time on parallel processors)
- (Time on Serial Processor) + (Time on parallel processors)
- (Time on Serial Processor) - (Time on parallel processors)

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CS614:Quiz No 01 Quiz Start Time: 07:4

Question # 7 of 10 (Start time: 07:47:57 AM, 21 January 2021)

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

Select the correct option

- [x] Believability and appropriate amount of data
- [ ] Believability and Consistency
- [ ] Believability and Redundancy
- [ ] Reliability and appropriate amount of data

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CS614:Quiz No 01 Quiz Start Time: 07:45 AM, 2

Question # 8 of 10 (Start time: 07:48:13 AM, 21 January 2021)

The extent to which data is in appropriate languages, symbols, and units, and the definitions are clear is known as _____

Select the correct option

- (●) Interpretability
- ( ) Uniqueness
- ( ) Accessibility
- ( ) Consistency

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Question # 9 of 10 (Start time: 07:48:27 AM, 21 January 2021)

Which of the following is not a Data Quality Validation Technique?

Select the correct option

- ○ Referential Integrity
- ○ Using Data Quality Rules
- ○ Data Histograming
- ◉ Indexes

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CS614:Quiz No 01 Quiz Start Time: 07:45 AM, 21 Ja

Question # 10 of 10 (Start time: 07:48:39 AM, 21 January 2021) To

_____ lists each term in the collection only once and then shows a list of all the documents that contain the given term.

Select the correct option

- (●) Inverted index
- ( ) Bitmap index
- ( ) Cluster index
- ( ) Join index

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2nd account

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Question # 1 of 10 (Start time: 02:39:46 PM, 21 January 2021)

_____ is known as state of being only one of its kind or being without an equal or parallel.

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Select the correct option

- Completeness
- Uniqueness
- Accessibility
- Consistency

CS614:Quiz No 01 Quiz Start Time: 02:39 PM, 21 January 2(

Question # 2 of 10 (Start time: 02:40:07 PM, 21 January 2021) Total Mark

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.

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Select the correct option

- (●) Min
- ( ) Max
- ( ) Min and Max
- ( ) None of given

CS614:Quiz No 01 Quiz Start Time: 02:39 PM, 21 Ja

Question # 3 of 10 (Start time: 02:40:23 PM, 21 January 2021) To

_____ incorporates the concept of product quality, process control, quality assurance, and quality improvement.

Select the correct option

- (●) Total Quality Management
- ( ) Intrinsic Data Quality Management
- ( ) Realistic Data Quality Management
- ( ) Strong Data Quality Management

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CS614:Quiz No 01 Quiz Start Time: 02:39 PM, 21 January 2

Question # 4 of 10 (Start time: 02:40:36 PM, 21 January 2021) Total Mark

Assume a company with a multi-million row customer table i.e. n rows. Checking for Referential Integrity (RI), using a smart technique with some kind of a tree data structure would require _____time.

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Select the correct option

- (●) O(log n)
- ( ) O(n)
- ( ) O(1)
- ( ) None of the given

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Question # 5 of 10 (Start time: 02:40:49 PM, 21 January 2021) Total Marks: 1

As the number of processors increase, the speedup should also increase. Thus we should have linear speedup. Which of the following is NOT one of the barriers to achieve this linear speed-up?

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Select the correct option

- Amdahl' Law
- Startup
- No Interference
- Skew

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Question # 6 of 10 (Start time: 02:41:01 PM, 21 January 2021)

In context of data parallelism, the work done by query processor should be:

Select the correct option

- (●) Almost zero
- ( ) Maximum
- ( ) Pipelined
- ( ) Filtered across partitions

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CS614:Quiz No 01

Quiz Start Time: 02:39 PM, 2

Question # 7 of 10 (Start time: 02:41:11 PM, 21 January 2021)

The extent to which data is in appropriate languages, symbols, and units, and the definitions are clear is known as _____

Select the correct option

- (●) Interpretability
- ( ) Uniqueness
- ( ) Accessibility
- ( ) Consistency

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Question # 8 of 10 (Start time: 02:41:27 PM, 21 January 2021)

The degree to which values are present in the attributes that require them is known as ___

Select the correct option

- (●) Completeness
- ( ) Uniqueness
- ( ) Accessibility
- ( ) Consistency

Click to S

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Question # 9 of 10 (Start time: 02:41:43 PM, 21 January 2021)

The _____ dimension represents data correctness.

Select the correct option

- (●) Free-of-error
- ( ) Completeness
- ( ) Consistency
- ( ) Correctness

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Question # 10 of 10 (Start time: 02:41:54 PM, 21 January 2021)

Which of the following is NOT one of the parallel hardware architectures?

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Select the correct option

- ○ Symmetric Multi Processing
- ○ Massively Parallel Processing
- ○ Non-uniform Memory Access
- ◉ Shared Memory