

VISIT ANY MORE FREELY SOLUTIONS

VUAnswer.com

CS614 QUIZ 1 SOLVED

Provide by VU Answer

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

a) Total Quality Management

- b) Intrinsic Data Quality Management
- c) Realistic Data Quality Management
- d) Strong Data Quality Management

2. The extent to which data is in appropriate languages, symbols and units, and the definitions are clear is known as__.

a) Interpretability

- b) Uniqueness
- c) Accessibility
- d) Consistency

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

a) Completeness

- b) Uniqueness

SUBSCRIBE OUR CHANNEL

<https://www.youtube.com/channel/UCvFS8fAv4bvZsOmWuWMIg3Q>

VISIT ANY MORE FREELY SOLUTIONS

VUAnswer.com

- c) Accessibility
- d) Consistency

4. The dimension represents data correctness.

a) Free-of-error

- b) Completeness
- c) Consistency
- d) Correctness

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

a) NULL value to make the leaf terminal node

b) Every indexed data value and a corresponding

- c) Every indexed data value and pointer to next level block
- d) Every indexed data value and pointer to root block

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

a) Fuel

- b) Element
- c) Component
- d) Entity

SUBSCRIBE OUR CHANNEL

<https://www.youtube.com/channel/UCvFS8fAv4bvZsOmWuWMIg3Q>

VISIT ANY MORE FREELY SOLUTIONS

VUAnswer.com

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

- a) There are enough computing resources
- b) Query-coordinator is very fast as compared to query servers
- c) Work done in each partition almost same

d) All of the given options

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

- a) "Define"
- b) "Measure"
- c) "Analyze"

d) Compression

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

- a) Referential Integrity
- b) Using Data Quality Rules
- c) Data Histograming

d) Indexes

10. One of the preconditions to decide about operations to be parallelized is that

SUBSCRIBE OUR CHANNEL

<https://www.youtube.com/channel/UCvFS8fAv4bvZsOmWuWMIg3Q>

VISIT ANY MORE FREELY SOLUTIONS

VUAnswer.com

a) Operation can be implemented independent of each other

b) Output of one operation becomes input of other

c) Operations share same memory location

d) Operations share same namespace

11. ___do not (typically) keep the index values in sorted order

a) Dense index

b) Sparse index

c) B-Tree Index

d) Hash Based index

12. Parallelism can be exploited, if there is:

a) Symmetric multi-processors (SMP)

b) Sufficient I/O bandwidth

c) Underutilized or intermittently used CPUs

d) All of the given options

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

a) Symmetric Multi-Processing

b) Massively Parallel Processing

c) Non-uniform Memory Access

SUBSCRIBE OUR CHANNEL

<https://www.youtube.com/channel/UCvFS8fAv4bvZsOmWuWMIg3Q>

VISIT ANY MORE FREELY SOLUTIONS

VUAnswer.com

d) Shared Memory

14. Two interesting examples of quality dimensions that can make use of them in operator are_.

a) Believability and appropriate amount of data

- b) Believability and Consistency
- c) Believability and Redundancy
- d) Reliability and appropriate amount of data

15. 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?

- a) Amdahl Law
- b) Startup

c) No Interference

- d) Skew

16. In I_{index} , the i th bit is set to "1" if the i th row of the base table has the value for the indexed column

- a) Inverted index
- b) Bitmap index**
- c) Cluster index

SUBSCRIBE OUR CHANNEL

<https://www.youtube.com/channel/UCvFS8fAv4bvZsOmWuWMIg3Q>

VISIT ANY MORE FREELY SOLUTIONS

VUAnswer.com

d) Join index

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

a) Inverted index

b) Bitmap index

c) Cluster index

d) Join index

18. The exact formula for Speed-up is:

a) (Time on Serial Processor) / (Time on parallel processors)

b) (Time on Serial Processor) * (Time on parallel processors)

c) (Time on Serial Processor) + (Time on parallel processors)

d) (Time on Serial Processor) - (Time on parallel processors)

19. ___ is the degree to which data accurately reflects the real-world object that the data represents?

a) Intrinsic data quality

b) Realistic data quality

c) Strong data quality

d) Weak data quality

SUBSCRIBE OUR CHANNEL

<https://www.youtube.com/channel/UCvFS8fAv4bvZsOmWuWMIg3Q>

VISIT ANY MORE FREELY SOLUTIONS

VUAnswer.com

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

a) $O(\log n)$

b) $O(n)$

c) $O(1)$

d) None of the given

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

a) Naive nested-loop join

b) Indexed nested-loop join

c) Temporary index nested-loop join

d) Binary index nested-loop join

22. "More resources mean proportionally less time for given amount of data" that statement refers to

a) Scale-Up

b) Speed-Up

c) Size-Up

d) Over-Utilized system

SUBSCRIBE OUR CHANNEL

<https://www.youtube.com/channel/UCvFS8fAv4bvZsOmWuWMIg3Q>

VISIT ANY MORE FREELY SOLUTIONS

VUAnswer.com

23. The optimizer uses a hash join to join two tables if they are joined using an equijoin and

- a) outer table has less number of rows
- b) inner table has less number of rows
- c) cardinality of table is equal
- d) large amount of data needs to be joined**

24. "If resources increase in proportion to increase in data size, time is constant". The statement refers to

- a) Scale-up**
- b) Speed-up
- c) Size-up
- d) Over-utilized system

25. If a product meets formally defined "requirement specifications", yet fails to be a quality product from the customer's perspective, this means the requirements were _____.

- a) Defective**
- b) Unclear
- c) Unrefined
- d) Undefined

SUBSCRIBE OUR CHANNEL

<https://www.youtube.com/channel/UCvFS8fAv4bvZsOmWuWMIg3Q>

VISIT ANY MORE FREELY SOLUTIONS

VUAnswer.com

26. ___ is the extent to which data is regarded as true and credible?

a) Believability

b) Completeness

c) Accessibility

d) consistency

27. Which is not a/an data quality validation technique?

a) Consistency integrity

b) Referential integrity

c) Attribute domain

d) Using data quality rules

28. Which of the following is not an "Orr's law of data quality"?

a) Data that is not used is cannot be correct

b) Data quality is function of its use not its collection

c) Data will be no better than its most stringent use

d) Data duplication can be harmful for the organization

29. ___ is known as state of being only one of its kind or being without anequal or parallel.

a) Completeness

SUBSCRIBE OUR CHANNEL

<https://www.youtube.com/channel/UCvFS8fAv4bvZsOmWuWMIg3Q>

VISIT ANY MORE FREELY SOLUTIONS

VUAnswer.com

b) Uniqueness

- c) Accessibility
- d) Consistency

30. Which is not a/an characteristics of data quality?

a) Reliability

- b) Uniqueness
- c) Accessibility
- d) Consistency

31. If every key in the data file is represented in the index file then it is called

a) Dense Index

- b) Sparse Index
- c) Inverted Index
- d) A Multi-level Sparse Index

32. One of the main reasons for the failure of DWH deployment is __

a) Data quality

- b) Data integrity
- c) Data duplication
- d) Data anomaly

SUBSCRIBE OUR CHANNEL

<https://www.youtube.com/channel/UCvFS8fAv4bvZsOmWuWMIg3Q>

VISIT ANY MORE FREELY SOLUTIONS

VUAnswer.com

Note:

If you found any mistake in quiz correct on it.

Get more solved quizzes, assignment, past paper and vu solutions free to visit our website **VUAnswer.com**.

For help and suggestions contact us freely. ★

REGARD SARIM

WHATSAPP +923162965677

VU Answer
your right path

REMEMBER IN YOUR PRECIOUS PRAYERS

SUBSCRIBE OUR CHANNEL

<https://www.youtube.com/channel/UCvFS8fAv4bvZsOmWuWMIg3Q>