



CS-614 Data Warehousing Update MCQS For Final Term Solve By Vu Topper RM



80 To 100% Marks



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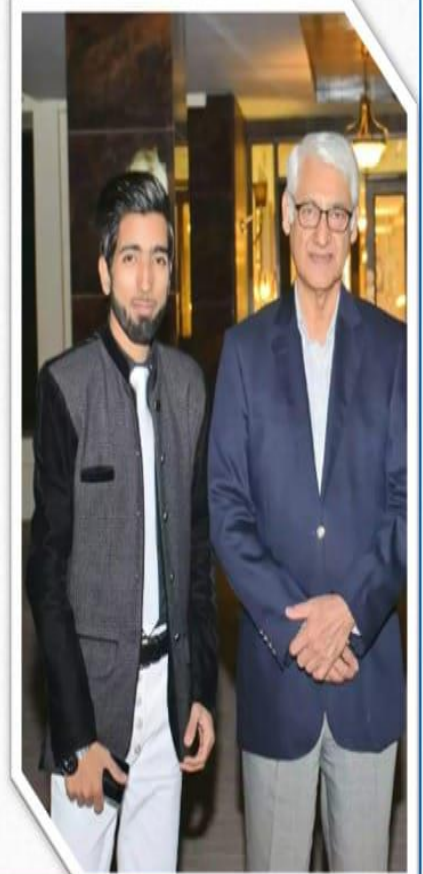
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“What means What”. The phrase refers to:

A. Meta data **Page 338**

B. External data

C. Transformed data

D. Internal representations

In Four Cell Quadrant Technique, The quadrant's vertical axis refers to:

A. Scope

B. Feasibility

C. Resources available

D. The potential impact or value to the business **Page 297**

Which of the following is NOT one of the methodologies for Data Warehouse project development?

A. Data driven

B. System driven **Page 283**

C. Resource driven

D. Requirement driven

Which of the following is the most ignored step during data warehouse development

A. Schema validation

B. The vision definition

C. The requirement verification

D. Success criteria development

Waterfall model is appropriate when

A. When the budget is low

B. When the deadline is strict

C. When resources are limited

D. Requirements are clearly defined **Page 284**

Users do not care, how advance the front end of your DWH is, what they care is that:

A. Tables should be properly denormalized

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- B. Proper partitioning technique should be used
- C. At least star or snow flake schema should be implemented
- D. They should get information in timely manner and the way they want**

A top down implementation approach is useful when

- A. Business objectives are unclear
- B. Technology is mature and well understood** **Page 283**
- C. Problem to be solved are not well documented
- D. Organization can not implement latest technologies

Identify the TRUE statement:

- A. Both clustering and classification are supervised learning
- B. Both clustering and classification are unsupervised learning
- C. Clustering is unsupervised learning and classification is supervised learning** **Page 270**
- D. Clustering is supervised learning and classification is unsupervised learning

The _____ phase of fundamental data warehouse life cycle model includes data warehouse daily maintenance activities

- A. Project
- B. Operation** **Page 288**
- C. Deployment
- D. Maintenance

Horizontally wide data means:

- A. Dataset has attribute skews
- B. Dataset has partitioning skews
- C. Dataset has large no. of records
- D. Dataset has large no. of attributes** **Page 330**

Which of the following is/are included in the list of Top-7 key steps for smooth DWH implementation?

- A. All of the given options** **Page 318**

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- B. Be a diplomat NOT a technologist
- C. Assign significant resources for ETL
- D. Consider handing-off project management

Implementation of a data warehouse requires _____ activities

- A. Highly integrated
- B. Loosely integrated
- C. Tightly decoupled
- D. None of the given**

Page 289

Goal driven approach of data warehouse development was result of _____ work

- A. Bill Inmon
- B. Westerman
- C. Ralph Kimball

D. Böhlein and Ulbrich-vom

Page 285

In context of analytical applications track, the application development activity can begin after:

- A. Database Design is complete**
- B. A subset of historical data has been loaded
- C. The data access tools and metadata are installed
- D. All of the given options

Page 307

In _____ phase of a fundamental data warehouse life cycle model, a working model of data warehouse is deployed for a selective set of users

- A. Design
- B. Operation
- C. Prototype**
- D. Deployment

Page 287

Which of the following activity executes parallel with all other activities in Kimball's DWH development approach?

- A. Deployment
- B. Project planning

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C. Project management

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D. Requirement elicitation

The first step of the “12-steps data warehouse implementation approach” of Shaku Atre is:

A. Finding user needs

Page 336

B. Finding system scope

C. Planning system resources

D. Data acquisition and cleansing

A typical cycle of implementing the change in DWH comprises of the sequence:

A. Production -> Development -> QA

B. Development-> QA -> Production

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C. Development -> Production -> QA

D. Production -> QA -> Development

Which of the following is NOT one of the three parallel tracks in Kimballs approach?

A. Lifecycle technology track

B. Lifecycle Data track

C. Lifecycle Maintenance track

Page 299

D. Lifecycle Analytical Applications track

As per Bill Inmon, a data warehouse, in contrast with classical applications is:

A. Data driven

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B. Time sensitive

C. Resource driven

D. Requirement driven

Normally the input data structure (a database table) for a data mining algorithm:

A. Has limited amount of data

B. Has limited amount of relations

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- C. Has more number of records than attributes
D. Has more number of attributes than records

Normally the term “DWH face to the business user” refers to:

- A. Lifecycle Data track
B. Lifecycle technology track
C. Lifecycle Maintenance track
D. Lifecycle Analytical Applications track

An effective user education program includes, among others, the following guideline(s):

- A. Postpone education, if DWH not ready
B. Understand the audience, don't overwhelm
C. Train after delivery of the data and analytic applications
D. All of the given options **Page 308**

In _____ phase of kimballs approach, we identify the components needed now and in future.

- A. Architectural design** **Page 300**
B. Product development
C. Requirement definition
D. Analytical application development

Spiral model is _____

- A. Risk oriented model
B. Risk oriented model
C. Sequence of waterfall model
D. All of the given **Page 284**

In context of requirement definition phase of Kimball's DWH development approach, _____ is positioned as a findings review and prioritization meeting.

- A. System analysis
B. Scope definition
C. Requirement configuration

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D. Requirements wrap-up presentation

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In analytical application development phase, we follow standards for:

- A. Naming conventions.
- B. Standard for libraries.
- C. Standard for calculations.

D. All of the given option

Page 307

Technical architecture design supports the communication about technical requirements: I) Within the team II) Upward to management III) Outward to vendors

A. (I) only

B. (II) Only

C. (III) Only

D. (I), (II) and (III)

Page 300

In context of the most fundamental data warehouse life cycle model, which of the following is NOT one of the data warehouse design activities?

A. Source system cataloguing

B. System vision development

Page 287

C. End-user interviews and re-interviews

D. Definition of key performance indicators

Improper documentation results the problem(s) like:

A. Maintenance issue

B. Lot of time required for enhancing the code

C. New developers unable to configure already existing code

Page 314

D. All of the given options

Vertically wide data means:

A. Dataset has attribute skews

B. Dataset has partitioning skews

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C. Dataset has large no. of records

D. Dataset has large no. of attributes

In _____ learning you don't know the number of clusters and no idea about their attributes.

A. Supervised learning

B. Un-Supervised learning

Page 269

C. Multi Dimension modeling

D. None of the given options

Bill Inmon argues that requirements are well understood only after

A. They are documented

B. All schemes are defined

C. They extracted and verified

D. Data warehouse is populated

Page 285

Waterfall is a/an _____ model

A. Iterative

B. Object Oriented

C. Rapid development

D. Simple linear sequential

Page 284

Which of the following activity/activities is/are part of project planning phase in Kimball's DWH development approach?

A. Obtain resources

B. Establish the preliminary scope and justification

C. Assess organization's readiness for a data warehouse initiative

D. All of the given options

Page 290

Which of the following is NOT one of the examples of dynamic attributes?

A. Daily Sale

B. Air pressure

C. Date of Birth

Page 342

D. None of the given options

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A bottom up implementation approach is useful when

- A. All the requirements are well documented
- B. The business objectives are very much clear
- C. Technology is mature and well understood**
- D. Organization can not implement latest technologies

Page 283

The phase-3 i.e. “Rollout and Maintenance” phase in “12-steps data warehouse implementation approach” of Shaku Atre comprises of _____ activity.

- A. On Line Analytical Processing
- B. Construct Metadata Repository
- C. Deployment & System Management**
- D. None of the these

In lifecycle data track, we begin with translating the requirements into dimensional model, which then transforms into _____

- A. System structure
- B. Logical structure
- C. Physical structure**
- D. Conceptual structure

Page 290

In context of clustering, the term “distance” means:

- A. Similarity/dissimilarity of records**
- B. The difference between the primary keys of two records
- C. The relation of a record with corresponding record in child table
- D. None of the given options

Page 272

As per Kimball, _____ is the main operational process

- A. Goal design
- B. Schema design
- C. Business process**
- D. Requirement extraction

Page 285

Which of the following is/are example(s) of static attributes?

- A. Employee Name**
- B. Employee Blood Group

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- C. Employee Date of Birth
- D. All of the given options

Which of the following is NOT one of the possible pitfalls in DWH Life Cycle & Development?

- A. Improper documentation
- B. Not having multiple servers
- C. Low priority for OLAP Cube Construction
- D. None of the given options** **Page 313**

Which of the following is NOT one of the activities of “Maintenance and Growth” phase in Kimball’s DWH development approach?

- A. Support
- B. Education Program
- C. Education Technical
- D. Interface Deployment** **Page 309**

_____ says that as far as company goals are concerned, the entire company pursues in the same direction

- A. Bill inmon
- B. Kimball
- C. Bohnlein
- D. Westerman** **Page 285**

One of the drawbacks of waterfall model is that:

- A. It does not define the project timeline/schedule
- B. It does not work when the resources are limited
- C. Customers can not review the product during development**
- Page 284**
- D. All of the given options

_____ index uses even less space than _____ index, but the block has to be searched, even for unsuccessful searches.

Sparse, dense **Page 224**

Dense, inverted

Sparse, inverted

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Dense, sparse

In context of data mining definition, the term “value” means:

The primary key of table

The index location of the record

Importance of hidden patterns discovered **Page 250**

Numerical or string measure assigned to an attribute

If a task takes “T” time units to execute on a single data item, then execution of this task on “N” data items will take _____ time units.

N*t

N+t

N/t

N-t

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

Naïve nested-loop join

Indexed nested-loop join

Binary index nested-loop join

Temporary index nested-loop join

_____ index stores first value in each block in the sequential file and a pointer to the block.

Hash

Dense

Sparse

Page 224

B-Tree

_____ refers to the overall process of discovering useful knowledge from data and data mining refers to a particular step in this process.

Statistics

Clustering

Information cleansing

Knowledge discovery in database **Page 254**

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Which of the following tasks can NOT be parallelized?

Partitioned index scans

Creation of large indexes

Large table scans and joins

None of the given options

In nested-loop join case, if there are 'M' rows in outer table and 'N' rows in inner table, time complexity is

O (MN)

O (M + N)

O (log MN)

O (M log N)

In context of data mining definition, the term "nontrivial" means:

We can not discover information

Discovering information is a simple task

Discovering information is a complex task

We simply find things rather than discovery

In contrast to statistics, data mining is _____ driven.

Human

Database

Assumption

Knowledge

Page 254

Parallelism can be exploited, if there is:

All of the given options

Sufficient I/O bandwidth

Symmetric multi-processors (SMP)

Underutilized or intermittently used CPUs

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

Operations share same namespace

Operations share same memory location

Output of one operation becomes input of other

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Operations can be implemented independent of each other

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

NULL value to make the leaf terminal node

Every indexed data value and pointer to root block

Every indexed data value and pointer to next level block

Every indexed data value and a corresponding ROWID Page 225

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

Shared Memory

Symmetric Multi Processing

Massively Parallel Processing

Non-uniform Memory Access

In context of joining tables, the join condition is specified in _____ clause

FROM

SELECT

WHERE

GROUP BY

Classification consists of examining the properties of a newly presented observation and assigning it to a predefined _____.

Class Page 259

Object

Subject

Container

An optimized structure which is built primarily for retrieval, with update being only a secondary consideration is

DSS

OLAP

OLTP

Inverted Index Page 232

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Data mining is all about:

All of the given options

Page 249

Finding relationships in data

Finding hidden patterns in data

Knowledge discovery in database

Mining multi dimensional databases allow users to:

Analyze the data

Categorize the data

Summarize the data

All of the given options

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

Pipelined

Maximum

Almost zero

Filtered across partitions

_____ do not (typically) keep the index values in sorted order

Dense index

Sparse index

B-Tree index

Hash based index

Page 227

_____ refers to "Parallel execution of single data operation across multiple partitions of data"

Data parallelism

Page 212

Software parallelism

Hardware parallelism

Operational parallelism

In _____ 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.

Join index

Cluster index

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Bitmap index

Inverted index

_____ is the technique in which existing heterogeneous segments are reshuffled, relocated into homogeneous segments.

Clustering Page 269

Partitioning

Aggregation

Segmentation

In context of bitmap index, the length of the bit vector is:

None of the given options

The number of records in the base table

The possible number of domain values in corresponding field (column)

The possible number of bitmap tables formed for corresponding field (column)

Bitmap index is appropriate for:

Clustered data

Aggregated data

High cardinality data

Low cardinality data

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

All of the given options

There are enough computing resources

Work done in each partition almost same

Query-coordinator is very fast as compared to query servers

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Question # 3 of 10 (Start time: 01:04:49 PM) Total Marks: 1

Which of the following is NOT one of the top-10 mistakes that should be avoided during DWH development?

Select correct option:

Not interacting directly with end user

Not being an accommodating person (Page No. 316)

Isolating IT support people from business users

Training the users with dummy data and considering it success

Question # 10 of 10 (Start time: 09:10:52 PM) Total Marks: 1

Which of the following is NOT one of the top-10 mistakes that should be avoided during DWH development?

Select correct option:

Not interacting directly with end user

Not being an accommodating person(CORRECT)

Isolating IT support people from business users

Training the users with dummy data and considering it success

Question # 4 of 10 (Start time: 10:17:31 PM) Total Marks: 1

In contrast to data mining, statistics is _____ driven.

Select correct option:

Assumption (Correct)

Knowledge

Discovery

Database

2_ _____ do not (typically) keep the index values in stored order

Hash based index

3_ if every key in the data is represented in the index file then it is called

Dense index

6_ A join is identified by multiple tables in the

_____ clause. From

9_ As the number of processors increase, the speedup should also increase. thus we should have linear speedup. Which of the following is NOT the one of the barriers to achieve this linear speed-up?

Amdah'l Law not sure

Q1: in context of nested-loop join, actual number os matching rows returned as a result of the join would be _____ of the order of tables. Independent.

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Q3: If resources increase in proportion to increase in data size. time is constant'. The statement refers to:

Scale-Up

Q4: If every key in the data file is represented in the index file then it is called? Dense Index

Q7: The goal of _____ is to look at as few blocks as possible to find the matching records(s).
Indexing

Q8: Parallelism can be exploited, if there is. All of the given options

Q13: if every key the data file is represented in the index file then it is called. Dense Index

Q16: A join is identified by multiple tables in the _____ clause. From

Q17: Parallelism can exploited, if there is
All of the given options

Q19: 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? Amdahl' Law

Q22: _____ lists each term in the collection only once and then shows a list of all the documents the contain the given term.
Inverted index

Q23: "More resources means proportionally less time for given amount of data". The statement refers to:
Speed-UP

Q27: A _____ index, if fits in the memory, costs only one disk I/O access to locate a record given a key.
Dense Index

Q28: In context of nested-loop join, actual number of matching rows returned as a result of the join would be ___ of the order of tables
Independent

Q29: _____ refers to " Parallelexecution of single data operation across multiple partitions of data" Data Parallelism.

A join is identified by multiple tables in the _ FROM _ clause

The goal of _____ ing Goal _____ is to look at as few blocks as possible to find the matching records(s).

2_ _____ do not (typically) keep the index values in stored order

Hash based index

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3_ if every key in the data is represented in the index file then it is called

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Amdah'l Law not sure

Q1: in context of nested-loop join, actual number os matching rows returned as a result of the join would be _____ of the order of tables. Independent.

Q3: If resources increase in proportion to increase in data size. time is constant'. The statement refers to:

Scale-Up

Q4: If every key in the data file is represented in the index file then it is called? Dense Index

Q7: The goal of _____ is to look at as few blocks as possible to find the matching records(s). Indexing

Q8: Parallelism can be exploited, if there is.

All of the given options

Q13: if every key the data file is represented in the index file then it is called. Dense Index

Q16: A join is identified by multiple tables in the _____ clause. From

Q17: Parallelism can exploited, if there is

All of the given options

Q19: 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? Amdahl' Law

Q22: _____ lists each term in the collection only once and then shows a list of all the documents the contain the given term.

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Q23: "More resources means proportionally less time for given amount of data". The statement refers to:

Speed-UP

Q27: A _____ index, if fits in the memory, costs only one disk I/O access to locate a record given a key.

Dense Index

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Q28: In context of nested-loop join, actual number of matching rows returned as a result of the join would be ___ of the order of tables
Independent

Q29: _____ refers to " Parallelexecution of single data operation across multiple partitions of data" Data Parallelism.

A join is identified by multiple tables in the _ FROM _ clause

The goal of _____ ing Goal _____ is to look at as few blocks as possible to find the matching records(s).

it must be ensured that:

Customers can not review the product during development

It does not work when the resources are limited

It does not define the project timeline/schedule

All of the given options (Correct)

The primary key of table

The index location of the record

Importance of hidden patterns discovered (Correct)

Numerical or string measure assigned to an attribute

Question # 3 of 10 (Start time: 09:28:57 PM) Total Marks: 1

As opposed to the outcome of classification, estimation deals with _____
valued outcome. Select correct option:

Discrete (Correct)

Isolated

Continuous

Distinct

**CS614 Data Warehousing Solved MCQs
from Quiz # 2 Solved and shared by
Gulshan**

Data mining uses _____ algorithms to discover patterns and regularities in data. Select correct option:

Mathematical

Computational

Statistical

Non

e of

thes

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If every key in the data file is represented in the index file then index is Select correct option:

[Dense Index](#)

Sparse

Secondary

Index

Index

Inverted Index

None of these

There are many variants of the traditional nested-loop join. If the index is built as part of the query plan and subsequently dropped, it is called [Naive nested-loop join](#)

Index

Index

Index

Index

Index

Index

Temporary index nested-loop join

None of these

Data mining evolve as a mechanism to cater the limitations of _____ systems to deal massive data sets with high dimensionality, new data types, multiple heterogeneous data resources etc.

[OLTP](#)

OLA

P

DSS

DWH

A dense index, if fits into memory, costs only _____ disk I/O access to locate a record by given key. [One](#)

Two

Linear

Quadratic

The goal of ideal parallel execution is to completely parallelize those parts of a computation that are not constrained by data dependencies. The _____ the portion of the program that must be executed sequentially, the greater the scalability of the computation

Larger

[Smaller](#)

Unambiguous

Unambiguous

Unambiguous

Superior

Superior

_____, if fits into memory, costs only one disk I/O access to locate a record by given key. An Inverted Index

A Sparse Index

[A Dense Index](#)

None

None

None

None

None

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A dense index, if fits into memory, costs only _____ disk I/O access to locate a record by given key. **One**

Two

Linear

Quadratic

Data mining uses _____ algorithms to discover patterns and regularities in data. Mathematical

Computational

Statistical

None of these

_____, if too big and does not fit into memory, will be expensive when used to find a record by given key. An Inverted Index

A Sparse Index

A Dense Index

None of these

There are many variants of the traditional nested-loop join. If the index is built as part of the query plan and subsequently dropped, it is called **Naive nested-loop join**

Index nested-loop join

Temporary index nested-loop join

None of these

The goal of ideal parallel execution is to completely parallelize those parts of a computation that are not constrained by data dependencies. The smaller the portion of the program that must be executed _____, the greater the scalability of the computation.

In Parallel

Distributed

Sequentially

None of these

Data mining is a/an _____ approach, where browsing through data using data mining techniques may reveal something that might be of interest to the user as information that was unknown previously.

Non-Exploratory

Exp

lora

tory

Co

mp

ute

Sci

enc

e

none of these

To identify the _____ required we need to perform data profiling **Degree of Transformation**

Complexity

Cost

Time

Execution can be completed successfully or it may be stopped due to some error. If some error occurs, execution will be terminated abnormally and all transactions will be _____

Committed to the database

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Rolled back

Companies collect and record their own operational data, but at the same time they also use reference data obtained from _____ sources such as codes, prices etc.

- Operational
- None of these
- Internal
- External**

_____ in agriculture extension is that pest population beyond which the benefit of spraying outweighs its cost. Profit Threshold Level

- Economic Threshold Level
- Medicine Threshold Level
- None of these**

People that design and build the data warehouse must be capable of working across the organization at all levels **True**

False

The _____ is only a small part in realizing the true business value buried within the mountain of data collected and stored within organizations business systems and operational databases.

- Independence on technology
- Dependence on technology**
- None of these

1_ As per Bill Inmost, a data warehouse, in contrast with classical applications is:

Data driven _ pg285

2_ Which of the following is NOT one of the three parallel tracks in Kimball's approach? Lifecycle Maintenance track

The optimizer uses a hash join to join two tables if they are joined using an equijoin and Select correct option:

- Large amount of data need to be joined (Correct) A large amount of data needs to be joined.
- A large portion of the table needs to be joined.

Quiz Start Time: 04:09 PM

Time Left 20 sec(s)

Question # 5 of 10 (Start time: 04:15:07 PM) Total Marks: 1

In context of nested-loop join, actual number of matching rows returned as a result of the join would be _____ of the order of tables

Select correct option:

Independent (Correct)

In case of nested-loop join, Inner table is accessed _____ for each qualifying row (or tuple) in outer table Select correct option:

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One Time (Correct)

Quiz Start Time: 04:09 PM

Time Left 10 sec(s)

Question # 10 of 10 (Start time: 04:22:32 PM

) Total Marks: 1 In contrast to data mining, statistics is _____ driven. knowledge (Correct)

1 In data mining, initially you _____ what you are looking for. Select correct option:

Know

Don't know (Answer)

May or may not know

None of the given options

Quiz Start Time: 08:50 PM

Time Left 52 sec(s)

Question # 10 of 10 (Start time: 09:00:41 PM) Total Marks: 1

The optimizer uses a hash join to join two tables if they are joined using an equijoin and Select correct option:

Outer table has less number of rows

Inner table has less number of rows

Cardinality of tables is equal

Large amount of data needs to be joined (Answer)

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

Select correct option:

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Inner table has less number of rows

Cardinality of tables is equal

Large amount of data needs to be joined

“More resources means proportionally less time for given amount of data”. The statement refers to:

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Select correct option:

Scale-Up

Speed-Up

Size-up

Over-utilized system

If we apply Run Length Encoding on the input "11001100", the output will be:

Select correct option:

41#40

14#04

12#02#12#02

21#20#21#20

The possible number of bitmap tables formed for corresponding field (column) None of the given options

"More resources means proportionally less time for given amount of data". The statement refers to:

Scale-Up

Speed-Up

Size-up

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Over-utilized system

“If resources increase in proportion to increase in data size, time is constant”. The statement refers to:

Scale-Up

Speed-Up

Size-up

Over-utilized system

In context of nested-loop join. actual number of matching rows returned as a result of the join would be _____ of the order of tables.

Dependent

Independent

Superset

Subset

“If resources increase in proportion to increase in data size, time is constant”. The statement refers to:

Scale-Up

Speed-Up

Size-up

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Over-utilized system

If every key in the data file is represented in the index file then index is

Dense Index

Sparse Index

Inverted Index

None

The goal of _____ is to look at as few block as possible to find the matching records.

Indexing

ETL

Joining

Dimentional Modeling

Parallelism can be exploited, if there is.

Symmetric multi-processors (SMP)

Sufficient I/O bandwidth

Underutilized or intermittently used CPUs

All of the above

برى صحبت سے تڻهائى بهتر هے اور تڻهائى سے نيك صحبت بهتر هے

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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 speedup?

Amdahl law

Startup

No interference

Skew

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

Inverted Index

Bitmap index

Cluster index

Join index

_____ if fits into memory, costs only one disk I/O access to locate a record by given key.

A Dense Index

A Sparse Index

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An Inverted Index

None of These

1_ In context of nested-loop join, actual number of matching rows returned as a result of the join would be _____ of the order of tables.

Independent

3 "If resources increase in proportion to increase in data size. Time is constant'.

The statement refers to:

Scale Up

4_ If every key in the data file is represented in the index file then it is called

Dense Index

6_ In nested-loop join case, if there are 'M' rows in outer table and 'N' rows in inner table, time complexity is $O(MN)$

7_ The goal of _____ is to look at as few blocks as possible to find matching records(s).

Indexing

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9_ If we apply Run Length Encoding on the input "11001100", the output will be: 21#20#21#20

10_ Which of the following is NOT one of variants of Nested-loop join?

Binary index nested-loop join

2_ _____ do not (typically) keep the index values in stored order

Hash based index

3_ if every key in the data is represented in the index file then it is called Dense index

6_ A join is identified by multiple tables in the _____ clause.

From

9_ As the number of processors increase, the speedup should also increase. thus we should have linear speedup. Which of the following is NOT the one of the barriers to achieve this linear speed-up?

Amdah'l Law not sure

Q1: in context of nested-loop join, actual number os matching rows returned as a result of the join would be _____ of the order of tables.

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Independent

Q3: If resources increase in proportion to increase in data size. time is constant'.

The statement refers to:

Scale-Up

Q4: If every key in the data file is represented in the index file then it is called? **Dense Index**

Q7: The goal of _____ is to look at as few blocks as possible to find the matching records(s).

Indexing

Q8: Parallelism can be exploited, if there is.

All of the given options

Q13: if every key the data file is represented in the index file then it is called. **Dense Index**

Q16: A join is identified by multiple tables in the _____ clause.

From

Q17: Parallelism can exploited, if there is

All of the given options

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Q19: 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?

Amdahl' Law

Q22: _____ lists each term in the collection only once and then shows a list of all the documents the contain the given term.

Inverted index

Q23: "More resources means proportionally less time for given amount of data".

The statement refers to:

Speed-UP

Q27: A _____ index, if fits in the memory, costs only one disk I/O access to locate a record given a key.

Dense Index

Q28: In context of nested-loop join, actual number of matching rows returned as a result of the join would be ____ of the order of tables

Independent

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Q29: _____ refers to “ Parallelexection of single data operation across multiple partitions of data” **Data Parallelism.**

A join is identified by multiple tables in the **FROM** clause

The goal of **ing Goal** is to look at as few blocks as possible to find the matching records(s).

Question # 3 of 10 (Start time: 01:04:49 PM) Total Marks: 1

Which of the following is NOT one of the top-10 mistakes that should be avoided during DWH development?

Select correct option:

Not interacting directly with end user

Not being an accommodating person (Page No. 316)

Isolating IT support people from business users

Training the users with dummy data and considering it success

3. In _____ phase of kimball's approach, we identify the components needed now and in future.

1. Project Planning
2. **Requirements Definition (Pg 294)**
3. Technical Architecture Design
4. Maintenance & Growth

Which of the following is NOT one of the top-10 mistakes that should be avoided during DWH development?

Ans: Not being an accommodating person

7. Which of the following is NOT one of the top-10 mistakes that should be avoided during DWH development?

Ans: Not being an accommodating person

- *2_ Which of the following is NOT one of the three parallel tracks in Kimball's approach?*
- *Lifecycle Maintenance track*

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Clustering is unsupervised learning and classification is supervised learning _ pg 270

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• 1_ As per Bill Inmost, a data warehouse, in contrast with classical applications is:

• Data driven _ pg285

• 2_ Which of the following is NOT one of the three parallel tracks in Kimball's approach?
Lifecycle Maintenance track

The optimizer uses a hash join to join two tables if they are joined using an equijoin and
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Cardinality of tables is equal

Large amount of data needs to be joined (Answer)

Which of the following is NOT one of the top-10 mistakes that should be avoided during DWH development?

Select correct option:

Not interacting directly with end user

Not being an accommodating person

Isolating IT support people from business users

Training the users with dummy data and considering it success

As opposed to the outcome of classification, estimation deals with _____ valued outcome.

Select correct option:

Discrete (Correct)

Isolated

Continuous

Distinct

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2_ Which of the following is NOT one of the three parallel tracks in Kimball's approach?

Lifecycle Maintenance track

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