If there are N records in a table, then the selectivity of primary key column is

Note Correct answer solve with stamp :

Answer (Please select your correct option)

1/N

N/2

lg (N)

_____ is one class of decision support environment.

Answer (Please select your correct option)

○ OLAP

○ OLTP

○ Data Cleansing

○ ETL

Normally Selectivity of query in data warehouse is

Answer (Please select your correct option)

○ High

○ Low

○ Not measured

De-Normalization normally speeds up

Answer (Please select your correct option)

○ Data Retrieval

○ Data Modification

○ Development Cycle

○ Data Replication

De-Normalization normally slows down

Answer (Please select your correct option)

○ Data Retrieval

○ Data Modification

○ Development Cycle

○ Data Replication

Geography is a good example of

Answer (Please select your correct option)

○　One-dimensional Hierarchy

○　Multidimensional Hierarchy

○　Non-Dimensional

○　Linear Hierarchy

Partition elimination is not possible with

Answer (Please select your correct option)

○   Normalization

○   Round-Robin

○   De-normalization

OLAP is Analytical Processing instead of Transaction Processing, and OLAP is a

Answer (Please select your correct option)

○ Physical database design

○ Implementation technique

○ Framework

ER is a _____ design technique that seeks to remove the redundancy in data.

Answer (Please select your correct option)

○ Logical

true

○ Physical

○ Data Dependent

○ Transaction Dependent

Pre-computed _____ can solve performance problems

Answer (Please select your correct option)

○   Aggregates

○   Facts

○   Dimensions

Extract, Transform, Load (ETL) process consist of steps which are _____.

Answer (Please select your correct option)

○ Independent and Interrelated

○ Independent or Interrelated

○ Dependent and Interrelated

○ Dependent or Interrelated

In full extraction, data is extracted completely from the source system. Therefore there is no need to keep track of changes to the _____

Answer (Please select your correct option)

○ Data Source

○ DWH

○ Data Mart

Data Extraction from source systems is a difficult task because source systems are _____.

Answer (Please select your correct option)

○ Homogeneous

○ Heterogeneous   **true**

○ Identical

○ Standardized

Lexical errors fall in which type of class of anomalies

Answer (Please select your correct option)

○ Syntactically Dirty Data

○ Semantically Dirty Data

○ Coverage Anomalies

○ Missing Values Anomalies

The degree of similarity between two records, often measured by a numerical value between _____, usually depends on application characteristics.

Answer (Please select your correct option)

○ 0 and 1

○ 0 and 10

○ 0 and 100

○ 0 and 99

As consumers, human beings judge the quality of things during their life-time.

I	Consciously
II	Subconsciously
III	Unconsciously

book

Answer (Please select your correct option)

○ I Only

○ II Only

○ III Only

○ I & II Only

The growth of master files and magnetic tapes exploded around the mid- _____.

Answer (Please select your correct option)

○ 1950s.

○ 1960s.

○ 1970s.

○ 1980s.

Relational databases allow you to navigate the data in _____ that is appropriate using the primary, foreign key structure within the data model.

Answer (Please select your correct option)

○ Only One Direction

○ Any Direction

○ Two Direction

○ None of these

In ROLAP access to information is provided via relational database using _____ standard SQL.

Answer (Please select your correct option)

○ ANSI   **true**

○ Microsoft

○ Oracle

○ SAP

If w is the window size and n is the size of data set, then the complexity of merging phase in BSN method is_____

Answer (Please select your correct option)

O (n)

O (w)

O (w n)   **true**   .

O (w log n)

List down the two ways to simplify the ER Model.

Answer (Please click here to Add Answer)

- § **Two general methods:**
- § **De-Normalization**
- § **Dimensional Modeling (DM)**

List down any two advantages of applying "change data capture" technique in modern systems.

Answer (Please click here to Add Answer)

There are
no procedural walls, and the data users capture data and retrieve makes the business to grow.

"Splitting of single field" is one of the types of transformation. It is used to store individual components of names and addresses in separate fields in data warehouse. In your point of view, what are the benefits doing this?

Answer (Please click here to Add Answer)

The benefits of doing this is
Joining of parts selected from many source systems
is more widespread in the data warehouse environment.

In your point of view what may be the possible reasons to perform conversion task during data transformation? Explain with an example.

Answer (Please click here to Add Answer)

This is an all-inclusive task. It includes a large variety of rudimentary conversions
of single fields for two primary reasons (i) to standardize among the data extractions from
disparate source systems, and (ii) to make the fields usable and understandable to the users.

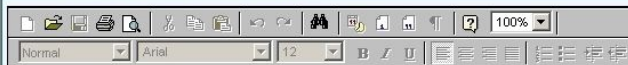Identify the given statements as correct or incorrect and justify your answer in either case.

1. "Median is an example of Distributive Aggregate".

2. "With the help of "current value field" method we can track as many changes as we wish".

Answer (Please click here to Add Answer)

1 . INCORRECT because...
The holistic aggregates that give a complete picture of the data, such as median.
2. CORRECT.

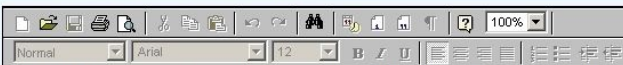Identify the given statements as correct or incorrect and justify your answer in either case.

1. "When attributes or records are missing in extracted data then the data is semantically dirty".

1. "Pattern-based data cleansing technique identify outlier fields and records using the values of Mean and Standard Deviation".

Answer (Please click here to Add Answer)

1; INCORRECT... because when attributes or records are missing in extract data then the data is coverage Anomalies.
2;INCORRECT...because Pattern-based: Identify outlier fields and records that do not conform to existing patterns in the
data. Combined techniques (partitioning, classification, and clustering) are used to identify
patterns that apply to most records.

Made By: Waqar Siddhu