Q1.

Which virtual processors (vprocs) are responsible for performing data access functions in parallel?

- ● AMP
- ○ Gateway (GTW)
- ○ Relay Services Gateway (RSG)
- ○ Teradata Virtual Storage (TVS)

Q2.

What is a secure zone?

- ○ A data vault within Vantage where sensitive data is placed that requires dedicated profiles.
- ● An exclusive database hierarchy created within a single Vantage system in which access and administration are handled separately from the rest of the system.
- ○ A secured area in the customer's enterprise architecture in which Vantage is hosted and where it is controlled from.
- ○ A zone within Vantage that contains sensitive information about the users and data contained in the database.

Q3.

A multi-column Primary Key is defined during the logical modeling phase.

How does this affect the Primary Index?

○ A column for the Primary Key becomes a partitioning expression of Partitioned Primary Index (PPI).

○ A No Primary Index (NoPI) can be specified to align to the Primary Key.

⦿ A Primary Index definition can be independent of a Primary Key definition.

○ One column from the multi-column Primary Key becomes a Unique Primary Index (UPI).

Q4.

Which term corresponds to the number of rows in a relational database?

○ Relation

⦿ Cardinality

○ Entity

○ Attribute

Q5.

How are entities conceptually related in a relational database?

⦿ A table is related to a table.

○ A column is related to a row.

○ A column is related to a schema.

○ A table is related to a row.

Q6.

Which method to insert data requires an empty table? **Correct**

○ BTEQ Import

○ TPT Update Operator

● TPT Load Operator

○ TPT Stream Operator

Q7.

Which type of lock is automatically acquired for an INSERT? **Correct**

● WRITE

○ UPDATE

○ HUT Write

○ EXCLUSIVE

Q8.

What is a characteristic of a dimensional model as opposed to an Entity Relationship (ER) model of the same data? **Correct**

○ Snowflake schemas have more entities.

○ Star schemas have less denormalization.

● Star schemas have fewer relations.

○ Snowflake schemas have higher quality relations.

Q9.

What is one reason a data warehouse architecture is implemented? — **Correct**

- ◉ Because a business wants to have one version of the data
- ○ To deduplicate data inaccuracies
- ○ Because data marts cannot be accessed by users
- ○ To maintain multiple copies of data in separate locations for redundancy

Q10.

Why would a Nonunique Primary Index (NUPI) be required in place of a Unique Primary Index (UPI)? — **Correct**

- ○ The Secondary Index has multiple columns.
- ◉ The Primary Index has duplicate values.
- ○ The Primary Index has multiple columns.
- ○ The Secondary Index has duplicate values.

Q11.

Based on performance and reliability as dominant factors in a data warehouse strategy, which deployment option is most viable? — **Correct**

- ○ Private Cloud
- ○ AWS
- ○ Azure
- ◉ Vantage delivered As-a-Service

Q12.

In a data warehouse ecosystem, multiple data sources can be loaded into which component?

Correct

- ◉ Data lake
- ○ Node cluster
- ○ App framework
- ○ Integrated development environment

Q13.

Which client tool is used for building batch applications needing to submit SQL statements to Vantage?

Correct

- ○ Teradata Viewpoint
- ○ TPT Export Operator
- ◉ BTEQ
- ○ TPT Load Operator

Q14.

In addition to a table name, what is required to create a table in Vantage?

Correct

- ○ A primary index
- ○ A secondary index
- ◉ A column
- ○ A join

Q15.

What are two types of triggers that Vantage supports?   Correct

○ TDAT and ANSI

◉ Statement and Row

○ Table and Macro

○ Session and Transaction

Q16.

Which Teradata client utility allows a user to safely store database logon credentials to multiple compatible systems, including encrypted passwords?   Correct

○ Teradata Parallel Transporter

◉ Teradata Wallet

○ Teradata Studio Express

○ BTEQ

Q17.

When are automatic privileges granted by the system?   Correct

○ When a database user logs on

○ When a proxy user is established

○ When a SET ROLE statement is issued

◉ When a database object is created

Q18.

Which Vantage component performs data merge functions before the data is returned?

◯ Parsing engine (PE)

🔘 BYNET

◯ AMP

◯ Gateway (GTW)

Q19.

How is space assigned to a new database so that a table can be stored within the database?

◯ An additional data file, with sufficient space, is added to the database properties.

◯ A new partition is allocated on disk and assigned to the new database.

◯ The Advanced SQL Engine automatically provisions space to each database as it is needed.

🔘 A portion of an unused space allocation is moved from one database to another.

Q20.

Which type of data mart is constructed from the actual data warehouse with the help of a semantic layer of SQL Views?

◯ System

🔘 Logical

◯ Independent

◯ Extended

Q21.

What are examples of dimensional schemas?   ✅ Correct

- ⦿ Snowflake and Star
- ◯ Logical and Physical
- ◯ JSON and XML
- ◯ Dimension and Fact

Q22.

Which type of index provides the most uniform distribution of data?   ✅ Correct

- ◯ Nonunique Primary Index (NUPI)
- ◯ Nonunique Secondary Index (NUSI)
- ◯ Unique Secondary Index (USI)
- ⦿ Unique Primary Index (UPI)

Q23.

Which layer provides data that has been transformed, derived, and summarized to facilitate reuse?   ✅ Correct

- ◯ Acquisition
- ⦿ Integration
- ◯ Reference
- ◯ Shared Views

Q24.

An administrator wants to ensure a future date cannot be stored as an employee's birth date in the employee table.

Which concept is appropriate to use?

- ◯ Profiles
- ◉ Check constraint
- ◯ Policies
- ◯ Rules

Q25.

Which Vantage tool allows monitoring queries in near real-time via a web browser?

- ◉ Viewpoint
- ◯ BTEQ
- ◯ Teradata Studio Express
- ◯ ODBC

Q26.

How do the virtual processors (vprocs) communicate with each other?

- ◯ Via Gateway (GTW)
- ◯ Via dispatcher
- ◉ Via BYNET
- ◯ Via optimizer

Q27.

Which type of data does NOT comprise a dimension of Vantage 4D analytics?

✓ Correct

◯ Temporal

◯ Time Series

◯ Geospatial

⦿ Image

Q28.

A global call center submits a high volume of business critical, known queries to a heavily utilized Vantage system twenty-four hours a day and has a strict Service Level Agreement (SLA).

✓ Correct

How can the system administrator help ensure the call center's SLA is met?

◯ Use workload management to push business critical queries into low priority.

◯ Load raw source data and permit all users high priority access to query the data.

◯ Schedule call center queries to run outside of the batch window.

⦿ Allow call center users to run business critical predefined queries against an access layer.

THE END