

Teradata Associate 2.4 (with ClearScape) Exam Objectives

Objective	
1	General Concepts 10%
1.1	Identify the definition of the terms associated with relational concepts.
1.2	Identify the characteristics of a relational database.
1.3	Identify the characteristics of a dimensional model.
1.4	Identify the use cases for deploying a relational model.
1.5	Identify the use cases for deploying a dimensional model.
2	Data Architectures 16%
2.1	Identify the major components of the architecture.
2.2	Identify use cases for data architecture patterns.
2.3	Identify the flow of data in data architecture patterns.
2.4	Identify reasons for deploying a data warehouse architecture.
2.5	Identify deployment options for data warehouses.
2.6	Identify types of implementations of data warehouses.
3	Vantage Data and Analytics Platform Architecture and Components 26%
3.1	Identify the flow of data from source to consumption.
3.2	Identify the purpose of the components of the platform.
3.3	Identify the features and benefits of the platform.
3.4	Identify the definitions of database objects.
3.5	Identify the space and storage options of the platform.
3.6	Identify the purpose of workload management.
3.7	Identify the scalability options of the platform.
3.8	Identify cloud native integration options with VantageCloud Enterprise.
4	ClearScape Analytics 18%
4.1	Identify the features and functions of ModelOps.
4.2	Identify the features and benefits of running analytic functions in-database.
4.3	Identify the languages and tools used with ClearScape Analytics
4.4	Identify options for model integration.
5	Data Distribution and Access 16%
5.1	Identify use cases of advanced indexes.
5.2	Identify the impact the Primary Index has on data distribution.
5.3	Identify the differences between Primary Index and Primary Key.

5.4	Identify the types, levels, and functionality of locking.
5.5	Identify the purpose and components of the access layer.
5.6	Identify the use cases of semi-structured data.
6	Security 6%
6.1	Identify security mechanisms.
6.2	Identify the features for managing user privileges.
6.3	Identify the functions and types of user authentication.
7	Vantage Data and Analytics Platform Tools and Access 8%
7.1	Identify common data integration techniques.
7.2	Identify the features and functions to administer and monitor the platform.
7.3	Identify access methods for the platform.