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Snowflake

SOL-C01

**SnowPro Associate: Platform
Certification Exam**

QUESTION: 1

What are computer language considerations when using Snowflake interfaces? (Select TWO).

- A. Notebook cells can be written in Python.
- B. Databases can process queries using Scala.
- C. Notebook cells can be written in SQL.
- D. Worksheets can only be written in SQL.
- E. Dashboards can be written in JavaScript.

Answer(s): A,C

Explanation:

Snowflake Notebooks support both SQL and Python as executable cell types. This means that users can create notebook cells written in Python for programmatic data processing and modeling, and in SQL for declarative querying and transformation. Because of this, the statements "Notebook cells can be written in Python" and "Notebook cells can be written in SQL" are both correct.

Snowflake databases do not natively execute queries written in Scala; Scala is supported via Snowpark APIs for application code, not as a direct query language. Worksheets in Snowsight are primarily SQL-based and also support procedural constructs (e.g., Snowflake Scripting), so the phrase "only in SQL" is not a precise or complete characterization. Dashboards in Snowsight are created using SQL-backed visualizations and built-in UI components; JavaScript is not a supported authoring language inside the native dashboarding layer. Therefore, options B, D, and E are not correct in this context.

QUESTION: 2

What Snowflake object is used to store data?

- A. Table
- B. Virtual warehouse
- C. Stored procedure
- D. View

Answer(s): A

Explanation:

A table is the core Snowflake object used to store structured data. Tables persist rows and columns in Snowflake's storage layer, which internally uses compressed, columnar micro-partitions managed by the platform. Tables can be permanent, transient, or temporary, but in every case, they are the primary objects that hold the actual data.

A virtual warehouse is a compute resource used to process queries and perform operations; it does not store user data. A stored procedure contains executable logic (such as complex workflows or procedural code) but does not serve as a data container. A view is a logical object that presents the results of a saved query; it references underlying tables and does not store its own data. As a result, "Table" is the correct answer.

QUESTION: 3

Where is unstructured data stored in Snowflake?

- A. In the Cloud Services layer
- B. In internal or external stages
- C. In external tables
- D. In tables with a single VARCHAR column

Answer(s): B

Explanation:

Unstructured data such as PDF files, images, and other binary documents is stored in stages in Snowflake. These stages may be internal stages, which Snowflake manages directly, or external stages, which reference external cloud storage such as Amazon S3, Azure Blob Storage, or Google Cloud Storage. Stages are the designed mechanism for storing and accessing unstructured files so that they can be processed with functions like `PARSE_DOCUMENT` or accessed via directory tables.

External tables are used to query structured or semi-structured data (for example, Parquet or JSON) stored in external locations, not to store raw unstructured binary content. The Cloud Services layer coordinates metadata, security, and query services; it does not store user data. Tables with a single VARCHAR column might be used as an improvised approach for small text blobs, but this is not the native or recommended method for managing unstructured data at scale.

QUESTION: 4

What is the name of Snowflake's default web-based interface?

- A. SnowSQL
- B. Snowpark
- C. Snowsight
- D. Snowflake CLI

Answer(s): C

Explanation:

Snowsight is the default web-based interface for Snowflake. It provides a graphical, browser-based environment to write and run SQL and Python, manage and explore database objects, create visualizations and dashboards, monitor query and warehouse activity, and collaborate via worksheets. It has replaced the Classic Console as the default UI for new Snowflake accounts.

SnowSQL is a command-line client used to connect to Snowflake from a terminal and execute SQL statements. Snowpark is a developer framework that supports writing data applications in languages like Python, Java, and Scala, but it is not a UI. "Snowflake CLI" refers to command-line tooling and automation utilities, again not a graphical web interface.

QUESTION: 5

What task can be performed on the Snowsight Schema Details page?

- A. Change the schema name.
- B. Share a schema with a different account.
- C. Truncate the schema data.
- D. Edit the schema metrics.