

<b>Started on</b>	Thursday, 26 June 2025, 12:28 PM
<b>State</b>	Finished
<b>Completed on</b>	Thursday, 26 June 2025, 12:36 PM
<b>Time taken</b>	7 mins 59 secs
<b>Marks</b>	14.00/20.00
<b>Grade</b>	<b>70.00</b> out of 100.00

**Question 1**

Complete

Mark 0.00 out of 1.00

Which of the following is the correct command to create a Snowflake database, schema, and warehouse?

- ☐ a. CREATE DATABASE, CREATE SCHEMA, CREATE WAREHOUSE
- ☒ b. CREATE WAREHOUSE, CREATE DATABASE, CREATE SCHEMA
- ☐ c. CREATE SCHEMA, CREATE WAREHOUSE, CREATE DATABASE
- ☐ d. CREATE DATABASE, CREATE WAREHOUSE, CREATE SCHEMA

**Question 2**

Complete

Mark 1.00 out of 1.00

How would you create a table in Snowflake with a VARIANT column?

- ☐ a. CREATE TABLE my\_table (id INT, data STRING)
- ☐ b. CREATE TABLE my\_table (id INT, data TEXT)
- ☐ c. CREATE TABLE my\_table (id INT, data JSON)
- ☒ d. CREATE TABLE my\_table (id INT, data VARIANT)

**Question 3**

Complete

Mark 1.00 out of 1.00

Which Snowflake feature allows you to automate the execution of a stored procedure?

- ☐ a. External Tables
- ☐ b. Streams
- ☒ c. Snowflake Tasks
- ☐ d. Snowpipe

**Question 4**

Complete

Mark 1.00 out of 1.00

You want to recover a dropped table in Snowflake. Which feature allows this within the retention period?

- ☐ a. Recover
- ☒ b. Undrop
- ☐ c. Table Snapshot
- ☐ d. Restore Table

**Question 5**

Complete

Mark 1.00 out of 1.00

You want to automate the transformation and loading of semi-structured data from S3 into Snowflake. Which two Snowflake features should you use together?

- ☒ a. Snowpipe and Tasks
- ☐ b. Streams and Views
- ☐ c. External Tables and Streams
- ☐ d. Snowpipe and Clustering Keys

**Question 6**

Complete

Mark 0.00 out of 1.00

Which command is used to clone a table in Snowflake?

- ☐ a. `DUPLICATE TABLE old_table AS new_table`
- ☒ b. `COPY TABLE old_table TO new_table`
- ☐ c. `REPLICATE TABLE old_table INTO new_table`
- ☐ d. `CREATE TABLE new_table CLONE old_table`

**Question 7**

Complete

Mark 1.00 out of 1.00

You need to export query results to an external stage from Snowflake. Which command should be used?

- ☐ a. `SELECT INTO FILE`
- ☐ b. `INSERT INTO EXTERNAL`
- ☐ c. `EXPORT TO CSV`
- ☒ d. `COPY INTO @stage FROM (SELECT * FROM table)`

**Question 8**

Complete

Mark 0.00 out of 1.00

What is the correct way to insert JSON data into a VARIANT column in Snowflake?

- ☒ a. INSERT INTO my\_table (id, data) VALUES (1, JSON\_OBJECT('name', 'John'))
- ☐ b. INSERT INTO my\_table (id, data) VALUES (1, '["John", "Doe"]')
- ☐ c. INSERT INTO my\_table (id, data) VALUES (1, '{"name":"John"}')
- ☐ d. None of the above

**Question 9**

Complete

Mark 0.00 out of 1.00

How would you filter rows based on the values in a JSON field within a VARIANT column?

- ☐ a. All of the above
- ☒ b. SELECT \* FROM my\_table WHERE data:name = 'John' AND data:age > 30
- ☐ c. SELECT \* FROM my\_table WHERE data:name = 'John'
- ☐ d. SELECT \* FROM my\_table WHERE data['name'] = 'John'

**Question 10**

Complete

Mark 0.00 out of 1.00

What is the maximum data size for a single micro-partition in Snowflake?

- ☐ a. 5 GB (compressed)
- ☐ b. 512 MB (compressed)
- ☒ c. 16 MB (compressed)
- ☐ d. 1 GB (uncompressed)

**Question 11**

Complete

Mark 1.00 out of 1.00

Which feature in Snowflake improves query performance by storing data in small, optimized partitions?

- ☒ a. Micropartitioning
- ☐ b. Clustering keys
- ☐ c. External tables
- ☐ d. Materialized views

**Question 12**

Complete

Mark 0.00 out of 1.00

How can you query individual fields within a JSON document stored in a VARIANT column?

- ☒ a. `SELECT data:name FROM my_table WHERE data:name = 'John'`
- ☐ b. `SELECT data['name'] FROM my_table`
- ☐ c. `SELECT data.name FROM my_table`
- ☐ d. `SELECT data:name FROM my_table`

**Question 13**

Complete

Mark 1.00 out of 1.00

You want to compare two versions of data changes in Snowflake over time. Which feature would best support this?

- ☐ a. Stream
- ☒ b. Time Travel
- ☐ c. External Table
- ☐ d. Materialized View

**Question 14**

Complete

Mark 1.00 out of 1.00

Which Snowflake component is used to store raw data temporarily before processing it into tables?

- ☐ a. Schema
- ☐ b. Database
- ☐ c. Table
- ☒ d. Stage

**Question 15**

Complete

Mark 1.00 out of 1.00

Which role in Snowflake has the most privileges?

- ☒ a. ACCOUNTADMIN
- ☐ b. SYSADMIN
- ☐ c. SECURITYADMIN
- ☐ d. USERADMIN

**Question 16**

Complete

Mark 1.00 out of 1.00

What feature in Snowflake automatically loads data into Snowflake as soon as it arrives in an external stage like AWS S3?

- ☒ a. Snowpipe
- ☐ b. External Tables
- ☐ c. Materialized Views
- ☐ d. Snowflake Streams

**Question 17**

Complete

Mark 1.00 out of 1.00

How do you handle semi-structured data in Snowflake?

- ☐ a. Store it in regular tables after converting to structured data
- ☐ b. Store data in multiple flat tables
- ☐ c. Use an external table to handle JSON, CSV, and XML
- ☒ d. Use the VARIANT data type to store and query semi-structured data

**Question 18**

Complete

Mark 1.00 out of 1.00

What is a materialized view in Snowflake?

- ☒ a. A precomputed view that is stored for faster querying
- ☐ b. A regular view that is updated every time the data is queried
- ☐ c. A temporary view that can be dropped automatically
- ☐ d. A table that stores data in multiple locations

**Question 19**

Complete

Mark 1.00 out of 1.00

What function would you use to flatten a JSON array stored in a VARIANT column in Snowflake?

- ☐ a. EXPAND()
- ☐ b. UNNEST()
- ☒ c. FLATTEN()
- ☐ d. ARRAY\_FLATTEN()

**Question 20**

Complete

Mark 1.00 out of 1.00

How does clustering in Snowflake help improve query performance?

- ☐ a. By compressing data for faster processing
- ☒ b. By organizing data into smaller partitions based on query patterns
- ☐ c. By replicating data across multiple regions
- ☐ d. By creating indexes on all columns