

# Mock SnowPro Core Exam - Results

## Question 1 **Correct**

Which SQL commands would show the contents of a stage? Select all that apply.

**Your selection is correct**

LIST @MY\_STAGE;

**Your selection is correct**

ls @MY\_STAGE;

SHOW STAGE @MY\_STAGE;

SHOW STAGE MY\_STAGE;

**Resources**

[Stages](#)

## Question 2 **Incorrect**

Which INSERT query would return an error? Choose one correct value.

INSERT INTO TABLE MY\_TABLE SELECT \* FROM MY\_TABLE\_2;

**Correct answer**

INSERT INTO TABLE MY\_TABLE (ID, NAME) SELECT '001', 'Irene Adler',  
'10/10/1976';

INSERT INTO TABLE EMPLOYEE SELECT '001', 'Irene Adler', '10/10/1976';

**Your answer is incorrect**

INSERT INTO TABLE MY\_TABLE (ID, NAME) SELECT '001', 'Irene Adler';

Overall explanation

If specifying the columns in an INSERT statement you cannot include additional data in the select query.

**Resources**

[Simple Data Loading Methods: INSERT & UI - Hands-on](#)

## Question 3 **Correct**

How many database objects can a data provider add to a SHARE object? Choose one correct value.

5

**Your answer is correct**

Unlimited

2

1

Overall explanation

Only one database can be added per share.

**Resources**

[Secure Data Sharing](#)

## Question 4 **Correct**

If the PURGE copy option were set to TRUE what would happen to data files that are successfully loaded into Snowflake from an external stage? Choose one correct value.  
**They would be removed from Snowflake long-term table storage.**

**They would be removed from the external stage and Snowflake long-term table storage.**

**They would be transferred to a different cloud storage bucket.**

**Your answer is correct**

**They would be removed from the external stage.**

#### **Resources**

[Bulk Loading - COPY INTO TABLE command](#)

#### **Question 5Correct**

What level of cardinality is it recommended a column have when selected in a query that makes use of a GROUP BY? Choose one correct value.

**Medium cardinality.**

**Your answer is correct**

**Low cardinality.**

**No cardinality.**

**High cardinality.**

Overall explanation

Having many distinct values can be a very memory-intensive operation, a lot of data will be spilled to disk and there will be high network usage.

#### **Resources**

[SQL Tuning](#)

#### **Question 6Correct**

Which query would result in an error when parsing a column of type VARIANT given the following JSON:

```
{
  "employee" : {
    "name" : "Jason Rojas",
    "_id" : "UNX789544"
  },
  "joined_on" : "10-09-2019",
  "skills" : ["Java", "Kotlin", "Android"]
}
```

Choose one correct value.

**Your answer is correct**

**SELECT SRC:employee.Name FROM EMPLOYEES;**

```
SELECT Src:employee.name FROM employees;  
SELECT Src:employee.name FROM EMPLOYEES;  
SELECT SRC:employee.name FROM EMPLOYEES;
```

Overall explanation

Column names are case insensitive but elements are case sensitive, so referring to the element 'name' with a capital N would result in an error.

### Resources

[Accessing Semi-structured Data](#)

#### Question 7Correct

What is the default compression format used when unloading files from Snowflake using the GET command? Choose one correct value.

**Your answer is correct**

**GZIP**

BROTLI

SNAPPY

Bz2

### Resources

[Data Unloading](#)

#### Question 8Correct

What is the definition of Tri-secret secure? Choose one correct value.

Rekeying of data every 14 days.

The use of three passwords to log-in.

The use of a hardware module to store a customer managed key.

**Your answer is correct**

**A composite encryption key to encrypt data files made up a user provider key and a Snowflake key.**

Overall explanation

More information - <https://docs.snowflake.com/en/user-guide/security-encryption-manage.html#tri-secret-secure>

### Resources

[Data Encryption](#)

#### Question 9Correct

A schema cannot be cloned. True or false?

True

**Your answer is correct**

**False**

Overall explanation

A clone can be created with the following command: CREATE SCHEMA

<SCHEMA\_CLONE> CLONE <SCHEMA>;

### Resources

[Cloning](#)

#### Question 10Correct

Which properties are **not** available to a file format object of type **CSV**? Select all that apply.

FIELD\_DELIMITER

RECORD\_DELIMITER

SKIP\_HEADER

**Your selection is correct**

**STRIP\_OUTER\_ARRAY**

TYPE

**Your selection is correct**

**STRIP\_NULL\_VALUES**

Overall explanation

These properties are available if the type property of a file format object is set to JSON.

**Resources**

[File Formats](#)

**Question 11**Correct

What do you configure a SHARE object with? Choose two correct values.

URL.

**Your selection is correct**

**Object privileges.**

A retention period in days.

**Your selection is correct**

**Account identifiers.**

**Resources**

[Secure Data Sharing](#)

**Question 12**Correct

When setting **DATA\_RETENTION\_TIME\_IN\_DAYS** to **0** on a table, Time Travel is effectively disabled for that table. True or false?

False

**Your answer is correct**

**True**

Overall explanation

DATA\_RETENTION\_TIME\_IN\_DAYS can be set to 0 on the account level or object level to effectively disable time travel.

**Resources**

[Time Travel & Fail-Safe](#)

**Question 13**Correct

Snowflake partitions files loaded into Snowflake automatically. True or false?

**Your answer is correct**

**True**

False

**Resources**

[Storage Layer Overview](#)

**Question 14**Correct

Which cloud platforms can a Snowflake account be hosted in? Choose three correct values.

Alibaba Cloud

**Your selection is correct**

**Google Cloud Platform**

**Your selection is correct**

**Amazon Web Services (AWS)**

**Your selection is correct**

**Microsoft Azure**

Oracle

**Resources**

[What is Snowflake?](#)

**Question 15**Correct

Snowflake uses the following access control schemes: role based access control (RBAC) and \_\_\_\_\_. Choose one correct value.

**Your answer is correct**

**Discretionary Access Control (DAC)**

Compulsory Access Control (CAC)

Mandatory Access Control (MAC)

Imperative Access Control (IAC)

**Resources**

[Access Control Overview](#)

**Question 16****Correct**

The following query can make use of the results cache: SELECT NAME, EMP\_ID, CURRENT\_TIME() FROM EMPLOYEE. True or false?

**Your answer is correct**

**False**

**True**

Overall explanation

If time context functions are used, such as CURRENT\_TIME(), the result cache will not be used.

**Resources**

[Caching](#)

**Question 17****Correct**

Which system-defined role is it recommended to assign custom roles to? Choose one correct value.

**SECURITYADMIN**

**Your answer is correct**

**SYSADMIN**

ACCOUNTADMIN

USERADMIN

ORGADMIN

Overall explanation

If custom roles are not assigned to the SYSADMIN role, system admins will not be able to manage the objects owned by the custom role.

**Resources**

[Roles](#)

**Question 18****Correct**

What is the SnowSQL CLI tool used for? Choose one correct value.

**Formatting SQL queries.**

Troubleshoot data corruption issues in storage layer.

**Your answer is correct**

**Connecting to and issuing SQL commands to Snowflake via the command line.**

Diagnosing network connectivity to Snowflake from client tools.

**Resources**

[SnowSQL - Hands-on](#)

**Question 19****Correct**

What is the section in bold of the following Snowflake account URL referred to as: **xy12345.us-east-2.aws**.snowflakecomputing.com? Choose one correct value.

**Your answer is correct**

**Account Identifier**

Account Region

**Organisation Name**

**Cloud Platform**

**Overall explanation**

The account locator, account region and account cloud platform taken together are referred to as the account identifier.

**Resources**

[Organizations, Accounts, Databases & Schemas](#)

**Question 20**Correct

If enabled, periodic rekeying happens every \_\_\_\_ months. Choose one correct value.

6

24

1

**Your answer is correct**

12

**Overall explanation**

"If periodic rekeying is enabled, then when the retired encryption key for a table is older than one year, Snowflake automatically creates a new encryption key and re-encrypts all data previously protected by the retired key using the new key. The new key is used to decrypt the table data going forward." - <https://docs.snowflake.com/en/user-guide/security-encryption-manage.html#periodic-rekeying>

**Resources**

[Data Encryption](#)

**Question 21**Correct

Why would a materialized view be used? Select all that apply.

Materialized views store data temporarily during the data loading process.

**Your selection is correct**

Materialized views make complex queries that are commonly executed readily available.

Materialized views are cheaper than storing data in a table.

**Your selection is correct**

Materialized views can be created on top of external tables to improve their query performance.

**Resources**

[Materialized Views](#)

**Question 22**Correct

The ACCOUNTADMIN can perform the same functions as the SECURITYADMIN, SYSADMIN & ORGADMIN. True or false?

**Your answer is correct**

False

True

**Overall explanation**

ORGADMIN is for managing operation at an organization level and is not possible with the ACCOUNTADMIN role.

**Resources**

[Roles](#)

**Question 23**Correct

When copying files from a table to an internal stage using the COPY INTO <location> command, the results are split into multiple files. Which copy option would I use to ensure only one file is produced? Choose one correct value.

**Your answer is correct**

**SINGLE**

INCLUDE\_QUERY\_ID

OVERWRITE

MAX\_FILE\_SIZE

Overall explanation

SINGLE accepts a boolean that specifies whether to generate a single file or multiple files.

**Resources**

[Data Unloading](#)

**Question 24**Correct

External tables can be cloned. True or false?

**Your answer is correct**

False

True

Overall explanation

External tables and internal named stages are never cloned.

**Resources**

[Cloning](#)

**Question 25**Correct

Every securable object is owned by a single role. True or false?

**Your answer is correct**

True

False

**Resources**

[Access Control Overview](#)

**Question 26**Correct

You can execute commands as the ACCOUNTADMIN using the SnowSQL CLI tool. True or False?

False

**Your answer is correct**

True

Overall explanation

You can execute commands using the SnowSQL CLI tool with any role you have the privileges to assume.

**Resources**

[SnowSQL - Hands-on](#)

**Question 27**Correct

Virtual warehouses are billed on a per second basis. What is the minimum number of seconds a virtual warehouse is billed for? Choose one correct value.

**Your answer is correct**

60

10

30

120

Overall explanation

Snowflake credits are calculated with a minimum of 60 seconds.

**Resources**

[Virtual Warehouse Sizing and Billing](#)

**Question 28**Incorrect

Which SQL extensions did Snowflake add for use with the Time Travel feature? Select all that apply.

**Correct selection**

UNDROP

ON

SELECT

DEDROP

EXISTS

**Your selection is correct**

AT

**Your selection is correct**

BEFORE

**Resources**

[Time Travel & Fail-Safe](#)

**Question 29**Correct

What does each database created in an account automatically include? Choose one correct value.

Auditing table.

Directory table.

Information table.

**Your answer is correct**

Information schema.

Overall explanation

Each database created in an account automatically includes a built-in, read-only schema named INFORMATION\_SCHEMA based on the SQL-92 ANSI Information Schema.

**Resources**

[Account Usage & Information Schema](#)

**Question 30**Correct

Which objects are schema-level objects? Select all that apply.

Virtual Warehouse.

Network Policy.

**Your selection is correct**

Stored Procedure.

Database.

**Your selection is correct**

Stream.

**Your selection is correct**

Table.

**Resources**

[Snowflake Object Model](#)

**Question 31**Correct

What is the behavior of the COPY INTO <table> command when the **ON\_ERROR** option is set to **CONTINUE**? Choose one correct value.

Abort load operation.

Skip file when error is found.

**Your answer is correct**

Load the file if errors are found.

Skip a file when a certain number of errors is found.



## Resources

[Bulk Loading - COPY INTO TABLE command](#)

### Question 32Correct

If the query profile indicates queries are regularly spilling to remote storage what are the recommended solutions? Select all that apply.

**Your selection is correct**

Process data in smaller batches.

**Your selection is correct**

Increase the size of the Virtual Warehouse.

Decrease the size of the Virtual Warehouse.

Process data in larger batches.

## Resources

[SQL Tuning](#)

### Question 33Correct

What is the purpose of the **TYPE** option when creating a file format object? Choose one correct value.

Specifies the type of compression the file format will use to uncompress files.

If the file format object will be permanent or temporary.

If the file format object will be used with views or tables.

**Your answer is correct**

Specifies the type of file the file format object will be configured to parse.

## Resources

[File Formats](#)

### Question 34Correct

As a data engineer I want to create a file URL that is only valid for 24hours. Which file function would I use? Choose one correct value.

**Your answer is correct**

**BUILD\_SCOPED\_FILE\_URL**

BUILD\_24\_URL

BUILD\_URL

BUILD\_STAGE\_FILE\_URL

Overall explanation

Outputs an encoded URL granting access to a file for 24 hours to the user that requested it.

## Resources

[Unstructured File Functions](#)

### Question 35Correct

A Snowflake user creates a clone of a 'TABLE\_A' and names it 'TABLE\_B'. When new records are inserted into 'TABLE A' what is expected to happen to 'TABLE B'? Choose one correct value.

**Your answer is correct**

**The inserted records do not show at all in TABLE B.**

The inserted records show immediately in TABLE B.

The inserted records show after a short delay in TABLE B.

The inserted records do not show at all in TABLE B until TABLE A is dropped.

Overall explanation

Changes made to the source or the clone are not reflected between each other, they are completely independent.

## Resources

## Cloning

### Question 36Correct

User defined functions can **NOT** be executed in the context of another statement. For example, in a SELECT statement. True or false?

True

Your answer is correct

False

Overall explanation

This command shows how we can execute a UDF in the context of another SQL statement: `SELECT AREA_OF_CIRCLE(col1) FROM MY_TABLE;`

### Resources

[User Defined Functions \(UDFs\)](#)

### Question 37Correct

Micro-partitions can be modified once they have been created. True or false?

Your answer is correct

False

True

Overall explanation

Micro-partitions are immutable.

### Resources

[Micro-partitions](#)

### Question 38Correct

How many geographic regions in a cloud platform can a Snowflake account be deployed into? Choose one correct value.

10

2

5

Your answer is correct

1

Overall explanation

Each account is provisioned in a single geographic region.

### Resources

[Organizations, Accounts, Databases & Schemas](#)

### Question 39Correct

Which sentence most accurately describes what a Virtual Warehouse is? Choose one correct value.

A Virtual Warehouse is another name for the persistent storage layer.

A virtual warehouse is a way of logically grouping schemas.

A virtual warehouse is a cluster of compute nodes the user sets up and maintains.

Your answer is correct

A Virtual warehouse is a named abstraction for one or more compute nodes.

### Resources

[Virtual Warehouse Overview](#)

### Question 40Correct

What are the two scaling policies that can be defined when creating a multi-cluster warehouse? Choose two correct values.

Your selection is correct

Standard

Maximized

Conservative

**Your selection is correct**

Economy

Minimum

Resources

[Multi-cluster Warehouses](#)

**Question 41**Correct

The COPY INTO <table> statement does **NOT** require a virtual warehouse to run. True or false?

**Your answer is correct**

False

True

Resources

[Bulk Loading - COPY INTO TABLE command](#)

**Question 42**Correct

How many databases objects can a data provider add to a SHARE object? Choose one correct value.

Unlimited

5

2

**Your answer is correct**

1

Overall explanation

Only one database can be added per share.

Resources

[Secure Data Sharing](#)

**Question 43**Correct

Filters should be used as \_\_\_\_\_ as possible. Choose one correct value.

infrequently

late

regularly

**Your answer is correct**

early

Overall explanation

Use filters such as a WHERE clause as early as possible to improve pruning for subsequent processing steps such as a GROUP BY.

Resources

[SQL Tuning](#)

**Question 44**Correct

Of the following options which is the most accurate definition of a materialized view? Choose one correct value.

The underlying query definition is only visible to authorized users.

**Your answer is correct**

Stores results of a query definition and periodically refreshes its data.

A query is executed once and the results are stored for later user and are not refreshed in the future.

Does not store data only a query definition.

Resources

[Materialized Views](#)

**Question 45Correct**

What does it mean to overload a User Defined Function (UDF)? Choose one correct value.

**Your answer is correct**

**The ability for multiple UDFs to exist with the same identifier but different input arguments.**

The ability to call a UDF from within another UDF.

The ability of a UDF to accept more than one argument.

A UDF can returning more than one row.

**Resources**

[User Defined Functions \(UDFs\)](#)

**Question 46Correct**

How many days is the query history maintained in the history tab of the classic UI? Choose one correct value.

7

10

21

**Your answer is correct**

14

**Resources**

[User Interfaces - Hands-on](#)

**Question 47Correct**

What is the process of eliminating unrequired micro-partitions called during a query? Choose one correct value.

Limiting

Limiting

**Your answer is correct**

Pruning

Narrowing

Overall explanation

This is the process of ignoring micro-partitions which aren't required to fulfil a user query.

**Resources**

[Storage Layer Overview](#)

**Question 48Correct**

What is the recommended compressed file size when loading data into Snowflake? Choose one correct value.

50-100mb

10-50mb

**Your answer is correct**

100-250mb

100-200mb

**Resources**

[Bulk Loading - COPY INTO TABLE command](#)

**Question 49Incorrect**

Which of the following locations is data storage calculated based on the on-disk bytes? Choose three correct values.

External stages.

**Your selection is correct**

**Database tables including time travel & fail-safe.**

**Correct selection**

**Internal stages.**

**Your selection is correct**

**Materialized views.**

Overall explanation

Materialized views, database tables and internal stages add to the average terabytes per month stored in a Snowflake Account on which data storage cost is calculated. Read more about billing here: <https://www.snowflake.com/legal-files/CreditConsumptionTable.pdf>

**Resources**

[Storage Billing](#)

**Question 50Correct**

A data engineer is running some transformation jobs using a M virtual warehouse. The virtual warehouse seems to be suspending between the jobs, making subsequent jobs take longer. What could be the issue? Choose one correct value.

**The Virtual Warehouse is too small for the workload they're running.**

**The Virtual Warehouse AUTO\_RESUME property is set to FALSE.**

**The Virtual Warehouse INITIALLY\_SUSPEND property is set to TRUE.**

**Your answer is correct**

**The Virtual Warehouse AUTO\_SUSPEND property (in seconds) is set too low.**

Overall explanation

If the AUTO\_SUSPEND property is set too low this can cause the virtual warehouse to go into the suspended state quicker than is desired. This can cause subsequent jobs to run slower because virtual warehouse will purge their cache when suspended.

**Resources**

[Virtual Warehouse State & Properties](#)

**Question 51Correct**

Which languages can be used to develop a User Defined Function (UDF)? Choose four correct values.

**Your selection is correct**

**JavaScript**

C++

GO

**Your selection is correct**

**Python**

**Your selection is correct**

**Java**

**Your selection is correct**

**SQL**

C#

**Resources**

[User Defined Functions \(UDFs\)](#)

**Question 52Correct**

On which version of Snowflake is Secure Data Sharing not available? Choose one correct value.

**Business Critical**

**Your answer is correct**

**Virtual Private Snowflake (VPS)**

## Enterprise

### Standard

#### Overall explanation

Due to the stricter security requirements and isolated environment the account exists in, VPS does not support secure data sharing.

#### Resources

[Secure Data Sharing](#)

#### Question 53Correct

Network policies currently support which type of IP address? Choose one correct value.

**Your answer is correct**

IPv4

IPv5

IPv7

IPv6

#### Resources

[Network Policies](#)

#### Question 54Correct

What is the query to remove a virtual warehouse? Choose one correct value.

REMOVE WAREHOUSE MY\_WAREHOUSE;

**Your answer is correct**

DROP WAREHOUSE MY\_WAREHOUSE;

DELETE WAREHOUSE MY\_WAREHOUSE;

CLEAR WAREHOUSE MY\_WAREHOUSE;

#### Resources

[Virtual Warehouse Overview](#)

#### Question 55Incorrect

Which symbols are used when referencing a table stage via SQL? Choose one correct value.

**Correct answer**

@%

@

@\*

**Your answer is incorrect**

@~

#### Resources

[Stages](#)

#### Question 56Correct

Which of the following values are Snowflake editions? Choose two correct values.

**Your selection is correct**

Enterprise

**Your selection is correct**

Standard

Plus

Economy

Premium

#### Resources

[Snowflake Editions](#)

#### Question 57Correct

Which Snowflake object would be ideal to schedule an execution to refresh a secondary database for replication? Choose one correct value.

**Your answer is correct**

**Task**

Pipe

Stage

Stream

Table

Overall explanation

A task object can execute a single SQL statement.

**Resources**

[Tasks & Streams](#)

**Question 58****Correct**

Which is the most accurate description of the Snowflake Partner Connect? Choose one correct value.

The Snowflake Partner Connect allows an account to securely import data from a business partners Snowflake account.

The Snowflake Partner Connect allows Snowflake data to be exported to a business partners Snowflake account.

The Snowflake Partner Connect exposes contact details for third-party data providers, so a user can connect with them in their own time.

**Your answer is correct**

The Snowflake Partner Connect allows you to easily create trial account with selected Snowflake business partners and integrate these accounts with Snowflake.

Overall explanation

The Snowflake Partner Connect is a service which expedites the process of getting up and running with selected third-party tools.

**Resources**

[Connectivity: Connectors, Drivers & Partnered Tools](#)

**Question 59****Correct**

When is a table stage not appropriate to use for data loading? Select all that apply.

When a single user wants to load data into a single table.

**Your selection is correct**

When a single user wants to load data into multiple tables.

When multiple users want to load data into a single table.

**Your selection is correct**

When multiple users want to load data into multiple tables.

**Resources**

[Stages](#)

**Question 60****Correct**

Data providers can share data with a data consumer in a different cloud region or cloud provider. True or false?

True

**Your answer is correct**

False

Overall explanation

Replication to an account in the data consumer's region is a prerequisite.

**Resources**

## Secure Data Sharing

### Question 61Correct

What attributes make Snowflake a SaaS solution? Choose two correct values.

**Your selection is correct**

**Pay for what you use pricing plan.**

**The user must upgrade software.**

**Your selection is correct**

**No hardware to manage.**

**Snowflake can be installed on a local machine.**

**The ability to SSH into underlying compute instances.**

### Resources

[What is Snowflake?](#)

### Question 62Correct

Which table type **does** have the fail-safe feature? Choose one correct value.

**External**

**Your answer is correct**

**Permanent**

**Transient**

**Temporary**

### Resources

[Table & View Types](#)

### Question 63Correct

Snowflake provides a suite of powerful features that ensure the highest possible levels of data security. Which statements are correct regarding Snowflake? Select all that apply.

**Your selection is correct**

**Snowflake support discretionary access control. (DAC)**

**Your selection is correct**

**Snowflake uses a hierarchical key model which is rooted in a hardware key.**

**Your selection is correct**

**Tri-secret secure makes use of a composite key made up of a customer managed key and a Snowflake managed key.**

**Your selection is correct**

**Snowflake makes use of key-pair authentication for programmatic access.**

### Question 64Correct

In which state is a Virtual Warehouse billable? Choose one correct value.

**Your answer is correct**

**STARTED**

**RESUME**

**SUSPENDED**

**INITIATED**

**Overall explanation**

When a Virtual Warehouse is in the 'STARTED' state it will accrue Snowflake credits regardless of whether queries are being executed using it or not.

### Resources

[Virtual Warehouse State & Properties](#)

### Question 65Correct

How many accounts can a data consumer share a shared database with? Choose one correct value.



1  
5  
10

**Your answer is correct**

0

Overall explanation

Data consumers cannot re-share shared database objects.

**Resources**

[Secure Data Sharing](#)

**Question 66**Correct

The account usage share contains a database called SNOWFLAKE. The views in this database are used to provide fine-grained metrics at the account and object level. What is the maximum number of months data in these views available for? Choose one correct value.

3

6

**Your answer is correct**

12

9

Overall explanation

Certain account usage views provide historical usage metrics. The retention period for these views is 1 year.

**Resources**

[Account Usage & Information Schema](#)

**Question 67**Correct

Users can SSH (Secure Shell) into the compute instances which make up a Virtual Warehouse. True or false?

**Your answer is correct**

False

True

Overall explanation

Users have no access to the underlying resources of a virtual warehouse.

**Resources**

[Virtual Warehouse Overview](#)

**Question 68**Correct

Natural clustering is determined by the order in which data is loaded. True or false?

False

**Your answer is correct**

True

Overall explanation

Table data is partitioned and stored in the order it was loaded.

**Resources**

[Clustering](#)

**Question 69**Correct

Which object does an external function make use of to hold security related information? Choose one correct value.

**Storage Integration.**

**Your answer is correct**

**API Integration.**

**API Keystore.**

**Security folder.**

Overall explanation

An API integration object stores information about an HTTPS proxy service, including information about:

- The cloud platform provider
- The type of proxy service
- The identifier and access credentials for a cloud platform role that has sufficient privileges to use the proxy service.

**Resources**

[User Defined Functions \(UDFs\)](#)

**Question 70**Correct

Which types of notation are used to traverse semi-structured data natively in Snowflake? Select all that apply.

**Your selection is correct**

**Dot notation.**

**Your selection is correct**

**Bracket notation.**

**Dollar notation.**

**Colon notation.**

**Resources**

[Accessing Semi-structured Data](#)

**Question 71**Correct

Which layer of the Multi-cluster Shared Data Architecture handles user authentication? Choose one correct value.

**Compute.**

**ETL.**

**Storage.**

**Your answer is correct**

**Services.**

**Resources**

[Multi-cluster Shared Data Architecture](#)

**Question 72**Correct

What is the default value for the table property DATA\_RETENTION\_TIME\_IN\_DAYS for an account on the enterprise edition of Snowflake? Choose one correct value.

**0**

**Your answer is correct**

**1**

**90**

**10**

Overall explanation

The default value for DATA\_RETENTION\_TIME\_IN\_DAYS is 1 for all editions of Snowflake.

**Resources**

[Time Travel & Fail-Safe](#)

**Question 73**Correct

What is the purpose of the **VALIDATE** function? Choose one correct value.

**Outputs a pdf to a configured stage of all the errors of a past execution.**

**Your answer is correct**

**Allows a user to view all errors encountered during a previous COPY INTO execution.**

**Allows a user to perform a dry-run of the load process to expose errors.**

**Allows a user to view all errors encountered during all previous runs of a COPY INTO execution.**

#### **Resources**

[Bulk Loading - COPY INTO TABLE command](#)

#### **Question 74**Correct

How would a user choose the size of a virtual warehouse? Choose one correct value.

**Experimenting with a representative query of a workload on the largest virtual warehouse size and monitor its performance in order to assess if it matches desired run-times.**

**Create multiple x-small clusters and if queueing occurs direct users to a different x-small virtual warehouse.**

**Always use x-small as it's the cheapest.**

**Your answer is correct**

**Experimenting with a representative query of a workload on a variety of virtual warehouse sizes to find the correct fit that matches desired run-times.**

#### **Resources**

[Virtual Warehouse Sizing and Billing](#)

#### **Question 75**Correct

Which queries would not require the use of a Virtual Warehouse and instead would make use of the metadata cache? Select all that apply.

**SELECT EMP\_ID, NAME, ADDRESS FROM EMPLOYEE;**

**Your selection is correct**

**DESCRIBE TABLE EMPLOYEE;**

**SELECT \* FROM TABLE(FLATTEN(INPUT => PARSE\_JSON('[1,77]')) F;**

**Your selection is correct**

**SELECT COUNT(\*) FROM EMPLOYEE;**

Overall explanation

The number of rows along with a description of tables is maintained in the metadata cache and so doesn't need a Virtual Warehouse to compute the result.

#### **Resources**

[Caching](#)

#### **Question 76**Correct

Cloning a table copies the underlying data effectively doubling storage costs. True or false?

**True**

**Your answer is correct**

**False**

Overall explanation

Cloning does not contribute to storage costs until data is modified or new data is added to the clone.

#### **Resources**

[Cloning](#)

#### **Question 77**Correct

Which result from the APPROXIMATE\_SIMILARITY estimation function would indicate two sets of rows overlap significantly but are not identical? Choose one correct value.

**0.1**

1

**Your answer is correct**

0.8

0.0

Overall explanation

0 indicates no overlap and 1 indicates the two sets are identical. 0.8 would indicate two sets are very similar.

**Resources**

[Estimation Functions](#)

**Question 78Correct**

Which system function is called to retrieve clustering metadata for a column or columns? Choose one correct value.

system\$allowlist

**Your answer is correct**

system\$clustering\_information

system\$natural\_clustering\_information

system\$clustering\_metadata

**Resources**

[Clustering](#)

**Question 79Correct**

Which function can be used to automatically detect a schema definition? Choose one correct value.

**Your answer is correct**

INFER\_SCHEMA()

IMPLY\_SCHEMA()

DETECT\_SCHEMA()

AUTO\_SCHEMA()

Overall explanation

A sample command making use of the INFER\_SCHEMA function:

```
CREATE TABLE SS_TABLE
```

```
USING TEMPLATE (
```

```
  SELECT ARRAY_AGG(OBJECT_CONSTRUCT(*))
```

```
  FROM TABLE(
```

```
    INFER_SCHEMA(
```

```
      LOCATION=>'@MYSTAGE',
```

```
      FILE_FORMAT=>'FF_PARQUET'
```

```
    ));
```

**Resources**

[Semi-structured Functions](#)

**Question 80Correct**

What is the function of the **INITIALLY\_SUSPENDED** property of a Virtual Warehouse?  
Choose one correct value.

**Specifies the number of seconds of inactivity after which a warehouse is automatically suspended.**

Specifies whether to automatically resume a warehouse when a SQL statement is submitted to it.

Specifies the max threshold of queries after which point a virtual warehouse will be automatically suspended.

**Your answer is correct**

**Specifies if a Virtual Warehouse should be suspended immediately after its created.**

**Resources**

[Virtual Warehouse Sizing and Billing](#)

**Question 81**Correct

Automatic clustering improves performance on queries that include which of the following constructs? Select all that apply.

**SELECT**

**Your selection is correct**

**WHERE**

**SYSTEM\$WHITELIST**

**Your selection is correct**

**JOIN**

**COPY INTO <location>**

Overall explanation

Clustering improves performance of queries that frequently filter or sort on the clustered keys.

**Resources**

[Automatic Clustering](#)

**Question 82**Correct

Which queries are examples of selective point lookups? Select all that apply.

**Your selection is correct**

**SELECT NAME, ADDRESS FROM EMPLOYEES WHERE EMP\_ID IN ('12867','0987SS');**

**Your selection is correct**

**SELECT NAME, ADDRESS FROM EMPLOYEES WHERE EMP\_EMAIL = 'support.help@corp.com';**

**SELECT \* FROM EMPLOYEES;**

**SELECT NAME, ADDRESS, COUNT(FLAG) FROM EMPLOYEES GROUP BY NAME, ADDRESS;**

**Resources**

[Search Optimization Service](#)

**Question 83**Correct

Which statement is incorrect regarding snowflake editions? Choose one correct value.

**The Standard edition has the Time Travel feature.**

**Your answer is correct**

**The Enterprise edition contains all the features of the Business Critical edition.**

**The Business Critical edition has additional support for regulation compliance around data protection.**

**The Enterprise edition contains all the features of the Standard edition.**

Overall explanation

In reality this statement is reversed. The Business Critical edition contains all the features of the Enterprise edition.

### Resources

#### [Snowflake Editions](#)

#### Question 84 **Correct**

What is the function of the **AUTO\_SUSPEND** property of a Virtual Warehouse? Choose one correct value.

**Specifies if a Virtual Warehouse should be suspended immediately after its created.**

**Specifies whether to automatically resume a warehouse when a SQL statement is submitted to it.**

**Your answer is correct**

**Specifies the number of seconds of inactivity after which a warehouse is automatically suspended.**

**Specifies the max threshold of queries after which point a virtual warehouse will be automatically suspended.**

### Resources

#### [Virtual Warehouse State & Properties](#)

#### Question 85 **Correct**

Which symbols are used when referencing a user stage via SQL? Choose one correct value.

@%

@\*

**Your answer is correct**

@~

@

### Resources

#### [Stages](#)

#### Question 86 **Correct**

To reuse the results cache which of the following requirements must be met? Select all that apply.

**The underlying table data has changed since the cached query.**

**The same user is used as in the cached query.**

**Your selection is correct**

**The new query exactly matches the cached query.**

**Your selection is correct**

**The role executing the query must have the necessary access privileges for all the tables used in the cached query when executing a SELECT.**

### Resources

#### [Caching](#)

#### Question 87 **Correct**

What's the maximum number of days a user could set the table property **DATA\_RETENTION\_TIME\_IN\_DAYS** to for a transient table on a business critical edition Snowflake account? Choose one correct value.

0

**Your answer is correct**

1

10

90

Overall explanation

The maximum `DATA_RETENTION_TIME_IN_DAYS` is 0 or 1 for temporary and transient tables regardless of the edition of Snowflake.

#### Resources

[Time Travel & Fail-Safe](#)

#### Question 88Correct

What is the recommended maximum number of columns (or expressions) defined per clustering key? Choose one correct value.

**Your answer is correct**

3 or 4

1

2

2 or 3

#### Resources

[Automatic Clustering](#)

#### Question 89Correct

Data loading typically requires the use of a XXL Virtual Warehouse. True or false?

**Your answer is correct**

False

True

Overall explanation

Data loading does not typically require large Virtual Warehouses and sizing up does not guarantee increased data loading performance.

#### Resources

[Virtual Warehouse Sizing and Billing](#)

#### Question 90Correct

Which semi-structured data formats do Snowflake natively store and query? Select all that apply.

**Your selection is correct**

JSON

RCFile

SequenceFile

**Your selection is correct**

XML

**Your selection is correct**

PARQUET

PDF

CSV

**Your selection is correct**

AVRO

**Your selection is correct**

ORC

#### Resources

[Semi-structured Overview](#)

#### Question 91Correct

Which layers are in Snowflake's Multi-cluster Shared Data Architecture? Choose two correct values.

ETL Layer

Metadata Layer

**Your selection is correct**

**Compute / Query Processing Layer**

**Unloading Layer**

**Your selection is correct**

**Storage Layer**

**Resources**

[Multi-cluster Shared Data Architecture](#)

**Question 92** **Correct**

What is the maximum number of Time Travel days for a table of the permanent type?  
Choose one correct value.

1

0

14

**Your answer is correct**

**90**

Overall explanation

This is true for permanent tables on the Enterprise edition or higher. For the standard edition of Snowflake the maximum number of Time Travel days (also called retention period) is 1 day.

**Resources**

[Table & View Types](#)

**Question 93** **Correct**

What is the function of a row access policy? Choose one correct value.

**Your answer is correct**

**Restricting which rows are returned in a query.**

**Giving read access to a table to non-ownership roles.**

**Restricting users from inserting rows into certain tables.**

**Giving access to table data to non-snowflake users.**

Overall explanation

Row access policies enable a security team to restrict which rows are return in a query.

**Resources**

[Row Level Security](#)

**Question 94** **Correct**

The following command is permitted when interacting with a Virtual Warehouse:  
ALTER WAREHOUSE DE\_VW SET WAREHOUSE\_SIZE=LARGE. True or false?

False

**Your answer is correct**

**True**

**Resources**

[Multi-cluster Warehouses](#)

**Question 95** **Correct**

Time Travel is **not** possible on transient tables. True or false?

True

**Your answer is correct**

**False**

Overall explanation

Regardless of the Snowflake edition, transient tables can only set a Time Travel retention period of up to 1 day.

**Resources**



## Table & View Types

### Question 96Correct

Which type of view bypasses some query optimizations to improve data security?  
Choose one correct value.

Recursive

Protected

**Your answer is correct**

Secure

Materialized

Standard

Overall explanation

This may result in poorer query performance than a standard view but makes the view more secure.

### Resources

[Table & View Types](#)

### Question 97Correct

Which configuration of min\_cluster\_count & max\_cluster\_count would put a multi-cluster warehouse in maximized mode? Choose two correct values.

**Your selection is correct**

MIN\_CLUSTER\_COUNT=4 & MAX\_CLUSTER\_COUNT=4

MIN\_CLUSTER\_COUNT=1 & MAX\_CLUSTER\_COUNT=10

**Your selection is correct**

MIN\_CLUSTER\_COUNT=2 & MAX\_CLUSTER\_COUNT=2

MIN\_CLUSTER\_COUNT=1 & MAX\_CLUSTER\_COUNT=5

### Resources

[Multi-cluster Warehouses](#)

### Question 98Correct

Materialized views contribute to both compute and storage costs. True or false?

False

**Your answer is correct**

True

Overall explanation

**Compute:** background maintenance is performed on Materialized views to keep them up to date with their base table.

**Storage:** each materialized view stores its query result, adding to the monthly storage usage for an account.

### Resources

[Materialized Views](#)

### Question 99Correct

Fail-safe is available for external tables. True or false?

**Your answer is correct**

False

True

Overall explanation

It is only available for permanent table types.

### Resources

[Table & View Types](#)

**Question 100**Correct

Databases are not required to have a unique identifier. True or false?

Your answer is correct

False

True

Overall explanation

Database objects are required to have a unique identifier within an account.

**Resources**