

PRACTICE QUESTIONS

Snowflake

SnowPro Specialty: Gen AI

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EDITION Free Set 2

QUESTIONS 10

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EXAM Snowflake SnowPro Specialty: Gen AI

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10 practice questions for the Snowflake SnowPro Specialty: Gen AI exam, each followed by its answer and a short explanation. More free sets and the full practice exam:

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1. Which Cortex function is the general-purpose call for sending a prompt to a chosen language model from SQL?

- A SNOWFLAKE.CORTEX.EMBED_TEXT_768
- B SNOWFLAKE.CORTEX.SENTIMENT
- C SNOWFLAKE.CORTEX.COMPLETE
- D SNOWFLAKE.CORTEX.TRANSLATE

Answer: C

COMPLETE accepts a model name and a prompt and returns the model's response, which makes it the general-purpose function. EMBED_TEXT_768 returns a vector, SENTIMENT returns a score, and TRANSLATE converts text between languages.

2. A Cortex LLM function returns the same text on every call for the same prompt, so caching its output is never needed.

- A True
- B False

Answer: B (False)

The statement is false. Generated output is not guaranteed to be identical across calls, and repeated calls cost tokens. Teams often store results they have already produced when the same input recurs, which saves both cost and time.

3. A support team needs a short answer pulled from a passage in response to a specific question. Which function fits best?

- A SNOWFLAKE.CORTEX.CLASSIFY_TEXT
- B VECTOR_COSINE_SIMILARITY
- C SNOWFLAKE.CORTEX.EXTRACT_ANSWER
- D SNOWFLAKE.CORTEX.SENTIMENT

Answer: C

EXTRACT_ANSWER takes a source passage and a question and returns the answer found in the passage. CLASSIFY_TEXT chooses from labels, vector cosine similarity compares two vectors, and SENTIMENT scores tone rather than answering questions.

4. A _____ is a fixed-length numeric array that represents the meaning of a piece of text.

Answer: vector (also accepted: embedding)

A vector or embedding encodes meaning as numbers so that similar texts sit near each other, which enables semantic search. Chunks and indexes are structures around vectors rather than the numeric representation itself.

5. Which two items return a numeric value rather than free text? (Choose two.)

- A SNOWFLAKE.CORTEX.SUMMARIZE
- B SNOWFLAKE.CORTEX.SENTIMENT
- C SNOWFLAKE.CORTEX.TRANSLATE
- D VECTOR_COSINE_SIMILARITY
- E SNOWFLAKE.CORTEX.COMPLETE

Answer: B, D

SENTIMENT returns a score and VECTOR_COSINE_SIMILARITY returns a similarity number, so both produce numeric results. SUMMARIZE, TRANSLATE, and COMPLETE return text.

6. What does Cortex Search provide for text columns in a table?

- A A relational index that supports only exact string equality
- B A managed service for hybrid keyword and vector retrieval
- C A trained neural network that replaces the table
- D A dashboard that shows query credit usage

Answer: B

Cortex Search is a managed service that indexes text and answers search queries using both keyword and semantic matching. Exact-equality indexes, model replacements, and usage dashboards are different features.

7. What must be true about two vectors that you compare with a similarity function?

- A They must be stored in the same warehouse
- B They must have been created on the same day by the same user
- C They must each contain exactly 100 values
- D They must have the same number of dimensions

Answer: D

Similarity needs matching dimensions because each position corresponds to one component of the embedding. Warehouse location, creation date, and a fixed length of 100 are not requirements.

8. A semantic model can define verified queries that Cortex Analyst can use as examples for similar questions.
- A True
 - B False

Answer: A (True)

The statement is true. Verified queries are trusted question and SQL pairs that help the model answer common questions consistently, which improves accuracy for recurring business requests.

9. Why might a team store embeddings with the source record ID rather than only the vector?
- A So each match can be joined back to its source record
 - B Because vectors cannot be stored without a text string
 - C Because the vector column cannot be indexed alone
 - D To make the vector values human readable

Answer: A

A vector alone identifies no record, so the ID lets results link back to the source text, citations, and access controls. Vectors can be stored without text, and the reason is about traceability rather than indexing or readability.

10. Which governance control matters most for Cortex Analyst answers?
- A Manual approval of every answer by the finance director
 - B Hiding the generated SQL from all users
 - C Copying the data into a separate unmanaged copy
 - D Role-based access to the underlying tables

Answer: D

Cortex Analyst runs the generated SQL with the asking user's privileges, so table grants determine what each person can see. Manual approval, hiding SQL, and unmanaged copies either slow the process or weaken control without fixing access.