DBCLOUD
EXAMS

QUESTIONS & ANSWERS

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Technology Provider: Databricks

Exam: Certified Data Engineer Associate

Number of questions in the database:231

Exam Version: NOV.2026

Topic 1 - Exam A

Question #1Topic 1

A data organization leader is upset about the data analysis team's reports being different from the data engineering team's reports. The leader believes the siloed nature of their organization's data engineering and data analysis architectures is to blame.

Which of the following describes how a data lakehouse could alleviate this issue?

A. Both teams would autoscale their work as data size evolves

B. Both teams would use the same source of truth for their work

C. Both teams would reorganize to report to the same department

D. Both teams would be able to collaborate on projects in real-time

E. Both teams would respond more quickly to ad-hoc requests

Correct Answer: B

Question #2Topic 1

Which of the following describes a scenario in which a data team will want to utilize cluster pools?

A. An automated report needs to be refreshed as quickly as possible.

B. An automated report needs to be made reproducible.

C. An automated report needs to be tested to identify errors.

D. An automated report needs to be version-controlled across multiple collaborators.

E. An automated report needs to be runnable by all stakeholders.

Correct Answer: A

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Question #3Topic 1

Which of the following is hosted completely in the control plane of the classic Databricks architecture?

A. Worker node

B. JDBC data source

C. Databricks web application

D. Databricks Filesystem

E. Driver node

Correct Answer: C

Question #4Topic 1

Which of the following benefits of using the Databricks Lakehouse Platform is provided by Delta Lake?

A. The ability to manipulate the same data using a variety of languages

B. The ability to collaborate in real time on a single notebook

C. The ability to set up alerts for query failures

D. The ability to support batch and streaming workloads

E. The ability to distribute complex data operations

Correct Answer: D

Question #5Topic 1

Which of the following describes the storage organization of a Delta table?

A. Delta tables are stored in a single file that contains data, history, metadata, and other attributes.

B. Delta tables store their data in a single file and all metadata in a collection of files in a separate location.

C. Delta tables are stored in a collection of files that contain data, history, metadata, and other attributes.

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D. Delta tables are stored in a collection of files that contain only the data stored within the table.

E. Delta tables are stored in a single file that contains only the data stored within the table.

Correct Answer: C

Question #6Topic 1

Which of the following code blocks will remove the rows where the value in column age is greater than 25 from the existing Delta table my_table and save the updated table?

A. SELECT * FROM my_table WHERE age > 25;

B. UPDATE my_table WHERE age > 25;

C. DELETE FROM my_table WHERE age > 25;

D. UPDATE my_table WHERE age <= 25;

E. DELETE FROM my_table WHERE age <= 25;

Correct Answer: C

Question #7Topic 1

A data engineer has realized that they made a mistake when making a daily update to a table. They need to use Delta time travel to restore the table to a version that is 3 days old. However, when the data engineer attempts to time travel to the older version, they are unable to restore the data because the data files have been deleted.

Which of the following explains why the data files are no longer present?

A. The VACUUM command was run on the table

B. The TIME TRAVEL command was run on the table

C. The DELETE HISTORY command was run on the table

D. The OPTIMIZE command was nun on the table

E. The HISTORY command was run on the table

Correct Answer: A

Question #8Topic 1

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