Vendor: Microsoft

Exam Code: DP-900

Exam Name: Microsoft Azure Data Fundamentals

Version: 13.01

Q & As: 198

QUESTION 1
At which level in Azure Cosmos DB can you configure multiple write regions and read regions?

A. database
B. partition
C. collection
D. account

Correct Answer: C

QUESTION 2
Which two Azure services can be used to provision Spark clusters? Each correct answer presents a complete solution. NOTE: Each correct selection is worth one point.

A. Azure Databricks
B. Azure Log Analytics
C. Azure Time Series Insights
D. Azure HDinsight

Correct Answer: AD

QUESTION 3
You need to recommend a data store service that meets the following requirements:

▪ Native SQL API access
▪ Configurable indexes

What should you recommend?

A. Azure Files
B. Azure Blob storage
C. Azure Table storage
D. Azure Cosmos DB

Correct Answer: D
Explanation:
Azure Cosmos DB comes with native Core (SQL) API support.

In Azure Cosmos DB, data is indexed following indexing policies that are defined for each container. The default indexing policy for newly created containers enforces range indexes for any string or number. This policy can be overridden with your own custom indexing policy.
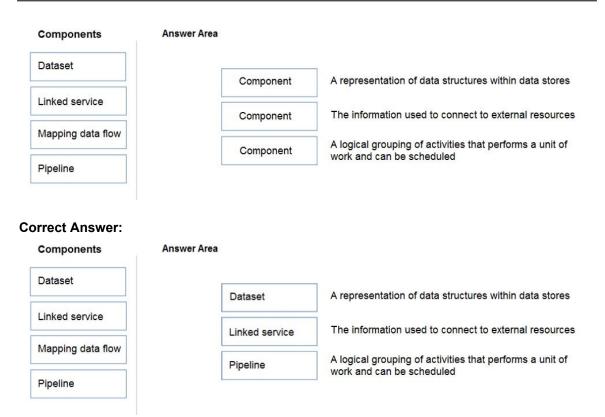

QUESTION 4
DRAG DROP
Match the Azure data factory components to the appropriate descriptions.

To answer, drag the appropriate component from the column on the left to its description on the right. Each component may be used once, more than once, or not at all.

NOTE: Each correct match is worth one point.

Components

Dataset

Linked service

Mapping data flow

Pipeline

Answer Area

Component	A representation of data structures within data stores
Component	The information used to connect to external resources
Component	A logical grouping of activities that performs a unit of work and can be scheduled

Correct Answer:

Components

Dataset

Linked service

Mapping data flow

Pipeline

Answer Area

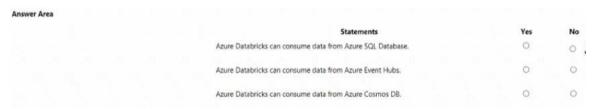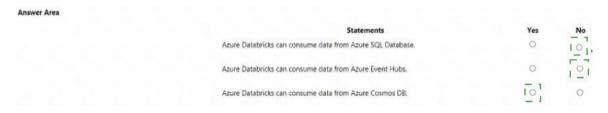| Dataset	A representation of data structures within data stores
Linked service	The information used to connect to external resources
Pipeline	A logical grouping of activities that performs a unit of work and can be scheduled

QUESTION 5
HOTSPOT
For each of the following statements, select yes if he statement is true, Otherwise select No.
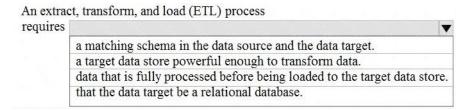
NOTE: Each correct selection is worth one point.

Answer Area

Statements	Yes	No
Azure Databricks can consume data from Azure SQL Database.	○	○
Azure Databricks can consume data from Azure Event Hubs.	○	○
Azure Databricks can consume data from Azure Cosmos DB.	○	○

Correct Answer:

Answer Area

Statements	Yes	No
Azure Databricks can consume data from Azure SQL Database.	○	○
Azure Databricks can consume data from Azure Event Hubs.	○	○
Azure Databricks can consume data from Azure Cosmos DB.	○	○

QUESTION 6
HOTSPOT
To complete the sentence, select the appropriate option in the answer area.

An extract, transform, and load (ETL) process requires

| a matching schema in the data source and the data target. |
| a target data store powerful enough to transform data. |
| data that is fully processed before being loaded to the target data store. |
| that the data target be a relational database. |

Correct Answer:

An extract, transform, and load (ETL) process requires

| a matching schema in the data source and the data target. |
| a target data store powerful enough to transform data. |
| data that is fully processed before being loaded to the target data store. |
| that the data target be a relational database. |

QUESTION 7
HOTSPOT
To complete the sentence, select the appropriate option in the answer area.

natively support the analysis of relationships between entities.

| Column family databases |
| Document databases |
| Graph databases |
| Key-value stores |

Correct Answer:

natively support the analysis of relationships between entities.

| Column family databases |
| Document databases |
| Graph databases |
| Key-value stores |

QUESTION 8
You are deploying a software as a service (SaaS) application that requires a relational database for Online Transaction Processing (OLTP). Which Azure service should you use to support the application?

A. Azure Cosmos D3
B. Azure Synapse Analytics
C. Azure HCMmtghi
D. Azure SQL Database

Correct Answer: D
Explanation:
Azure SQL Database is relational database and a managed service.