

ProductName	Quantity
Product1	100
Product2	129
Product3	176

Which statement should you use in a SQL query to change the inventory quantity of Product1 to 270?

- A. INSERT
- B. MERGE
- C. UPDATE
- D. CREATE

Correct Answer: C

QUESTION 47

What is a benefit of the Azure Cosmos DB Table API as compared to Azure Table storage?

- A. supports partitioning
- B. provides resiliency if any Azure region fails
- C. provides a higher storage capacity
- D. supports a multi-master model

Correct Answer: D

Explanation:

Multi-master support for Azure Cosmos DB is now available in all public regions.

Azure CosmosDB table API is a key-value storage hosted in the cloud. It's a part of Azure Cosmos DB, that is Microsoft's multi-model database.

QUESTION 48

You need to recommend a non-relational data store that is optimized for storing and retrieving files, videos, audio stream, and virtual disk images. The data store must store data, some metadata, and a unique ID for each file. Which type of data store should you recommend?

- A. document
- B. key/value
- C. object
- D. columnar

Correct Answer: C

Explanation:

Object storage is optimized for storing and retrieving large binary objects (images, files, video and audio streams, large application data objects and documents, virtual machine disk images). Large data files are also popularly used in this model, for example, delimiter file (CSV), parquet, and ORC. Object stores can manage extremely large amounts of unstructured data.

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QUESTION 49

You have a SQL query that combines customer data and order data. The query includes calculated columns. You need to persist the SQL query so that other users can use the query. What should you create?

- A. a table
- B. an index
- C. scalar function
- D. a view

Correct Answer: D

Explanation:

A view is a virtual table whose contents are defined by a query. A view acts as a filter on the underlying tables referenced in the view. The query that defines the view can be from one or more tables or from other views in the current or other databases.

QUESTION 50

Which statement is an example of Data Definition Language (DDL)?

- A. SELECT
- B. JOIN
- C. MERGE
- D. CREATE

Correct Answer: D

QUESTION 51

Your company is designing a data store for internet-connected temperature sensors. The collected data will be used to analyze temperature trends. Which type of data store should you use?

- A. relational
- B. columnar
- C. graph
- D. time series

Correct Answer: D

Explanation:

Time series data is a set of values organized by time. Time series databases typically collect large amounts of data in real time from a large number of sources. Updates are rare, and deletes are often done as bulk operations. Although the records written to a time-series database are generally small, there are often a large number of records, and total data size can grow rapidly.

QUESTION 52

You have a quality assurance application that reads data from a data warehouse. Which type of processing does the application use?

- A. Online Transaction Processing (OLTP)
- B. batch processing
- C. Online Analytical Processing (OLAP)
- D. stream processing

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Correct Answer: A

Explanation:

OLTP is designed to serve as a persistent data store for business or front-end applications. OLTP administers day to day transaction of an organization.

QUESTION 53

What is the primary purpose of a data warehouse?

- A. to provide answers to complex queries that rely on data from multiple sources
- B. to provide transformation services between source and target data stores
- C. to provide read-only storage of relational and non-relational historical data
- D. to provide storage for transactional line-of-business (LOB) applications

Correct Answer: C

Explanation:

Consider using a data warehouse when you need to keep historical data separate from the source transaction systems for performance reasons. Data warehouses make it easy to access historical data from multiple locations, by providing a centralized location using common formats, keys, and data models.

Query both relational and nonrelational data.

QUESTION 54

When you create an Azure SQL database, which account can always connect to the database ?

- A. the Azure Active director/ (Azure AO) account that created the database
- B. the Azure Active Directly Azure AD) administrator account
- C. the sa account
- D. the server admin login account of the logical server

Correct Answer: D

Explanation:

When you first deploy Azure SQL, you specify an admin login and an associated password for that login. This administrative account is called Server admin.

QUESTION 55

HOTSPOT

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

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Statements	Yes	No
Azure Table storage supports multiple read replicas.	<input type="radio"/>	<input type="radio"/>
Azure Table storage supports multiple write regions.	<input type="radio"/>	<input type="radio"/>
The Azure Cosmos DB Table API supports multiple read replicas.	<input type="radio"/>	<input type="radio"/>
The Azure Cosmos DB Table API supports multiple write regions.	<input type="radio"/>	<input type="radio"/>

Correct Answer:

Statements	Yes	No
Azure Table storage supports multiple read replicas.	<input checked="" type="radio"/>	<input type="radio"/>
Azure Table storage supports multiple write regions.	<input type="radio"/>	<input checked="" type="radio"/>
The Azure Cosmos DB Table API supports multiple read replicas.	<input checked="" type="radio"/>	<input type="radio"/>
The Azure Cosmos DB Table API supports multiple write regions.	<input checked="" type="radio"/>	<input type="radio"/>

QUESTION 56

Which three objects can be added to a Microsoft Power BI dashboard? Each correct answer presents a complete solution. NOTE: Each correct selection is worth one point. (Choose three.)

- A. a report page
- B. a Microsoft PowerPoint slide
- C. a visualization from a report
- D. a dataflow
- E. a text box

Correct Answer: ACE

QUESTION 57

Your company needs to implement a relational database in Azure. The solution must minimize ongoing maintenance. Which Azure service should you use?

- A. Azure HDInsight
- B. Azure SQL Database
- C. Azure Cosmos DB
- D. SQL Server on Azure virtual machines

Correct Answer: B

QUESTION 58

You need to develop a solution to provide data to executives. the solution must provide an interactive graphic interface, depict various key performance indications, and support data exploration by using drill down. What should you use in Microsoft Power BI?

- A. a dashboard

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- B. Microsoft Power Apps
- C. a dataflow
- D. a report

Correct Answer: D

QUESTION 59

HOTSPOT

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

Descriptive analytics tells you

▼
what is most likely to occur in the future.
what occurred in the past.
which actions you can perform to affect outcomes.
why something occurred in the past.

Correct Answer:

Descriptive analytics tells you

▼
what is most likely to occur in the future.
what occurred in the past.
which actions you can perform to affect outcomes.
why something occurred in the past.

QUESTION 60

What is a primary characteristic of a relational database?

- A. data is queried and manipulated by using a variant of the SQL language
- B. a flexible data structure
- C. a lack of dependencies between tables
- D. a large amount of duplicate data

Correct Answer: A

QUESTION 61

Which storage solution supports role-based access control (RBAC) at the file and folder level?

- A. Azure Disk Storage
- B. Azure Data Lake Storage
- C. Azure Blob storage
- D. Azure Queue storage

Correct Answer: B