



Free Questions for DP-900 by certscare

Shared by Knight on 22-07-2024

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Question 1

Question Type: MultipleChoice

You are writing a set of SQL queries that administrators will use to troubleshoot an Azure SQL database.

You need to embed documents and query results into a SQL notebook.

What should you use?

Options:

A- Microsoft SQL Server Management Studio (SSMS)

B- Azure Data Studio

C- Azure CLI

D- Azure PowerShell

Answer:

B

Explanation:

Question 2

Question Type: MultipleChoice

Your company needs to implement a relational database in Azure. The solution must minimize ongoing maintenance.

Which Azure service should you use?

Options:

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

Answer:

B

Explanation:

<https://azure.microsoft.com/en-us/services/sql-database/#features>

Question 3

Question Type: MultipleChoice

You have an inventory management database that contains the following table.

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?

Options:

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

Answer:

C

Explanation:

<https://docs.microsoft.com/en-us/sql/t-sql/queries/update-transact-sql?view=sql-server-ver15>

Question 4

Question Type: MultipleChoice

You need to query a table named Products in an Azure SQL database.

Which three requirements must be met to query the table from the internet? Each correct answer presents part of the solution. (Choose three.)

NOTE: Each correct selection is worth one point.

Options:

- A- You must be assigned the Reader role for the resource group that contains the database.
- B- You must have SELECT access to the Products table.
- C- You must have a user in the database.
- D- You must be assigned the Contributor role for the resource group that contains the database.
- E- Your IP address must be allowed to connect to the database.

Answer:

B, C, E

Explanation:

<https://docs.microsoft.com/en-us/sql/relational-databases/security/authentication-access/getting-started-with-database-engine-permissions?view=sql-server-ver15>

Question 5

Question Type: Hotspot

You are reviewing the data model shown in the following exhibit.



Statement based on the information presented in the graphic.

The data model is a [answer choice].

	▼
transactional model	
star schema	
snowflake schema	

Answer:

Customer is a [answer choice] table.

Explanation:

	▼
fact	
dimension	
bridge	

https://en.wikipedia.org/wiki/Snowflake_schema

<https://azure.microsoft.com/en-us/blog/data-models-within-azure-analysis-services-and-power-bi/>

Question 6

Question Type: Hotspot

You have the following JSON document.


```
"customer" : {  
  "first name" : "Ben",  
  "last name" : "Smith",  
  "address" : {
```

; each statement based on the information presented in the JSON

Customer is [answer choice].

	▼
a nested array	
a nested object	
a root object	

Answer:

Address is [answer choice].

Explanation:

	▼
a nested array	
a nested object	
a root object	

https://www.w3schools.com/js/js_json_arrays.asp

https://www.w3schools.com/js/js_json_objects.asp

Social media is [answer choice].

	▼
a nested array	
a nested object	
a root object	

Question 7

Question Type: Hotspot

```
  "type" : "mobile",  
  "number" : "555-555-555"
```

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

```
  }  
}
```

Answer Area

Transparent Data Encryption (TDE) encrypts

a column to protect data at rest and in transit.
queries and their results in order to protect data in transit.
the database to protect data at rest.
the server to protect data at rest.

Answer:

Question 8

Question Type: MultipleChoice

A team of developers has computers that run Windows 10 and Ubuntu Desktop.

The developers need to connect to and query an Azure SQL database from the computers. The developers require code assistance features such as IntelliSense.

What should the developers use ?

Options:

A- Azure Data Studio

B- sqlcmd

C- Microsoft SQL Server Management Studio (SSMS)

D- Azure Data Explorer

Answer:

A

Explanation:

Azure Data Studio is a cross-platform database tool for data professionals who use on-premises and cloud data platforms on Windows, macOS, and Linux.

Azure Data Studio offers a modern editor experience with IntelliSense, code snippets, source control integration, and an integrated terminal.

<https://docs.microsoft.com/en-us/sql/azure-data-studio/download-azure-data-studio>

Question 9

Question Type: DragDrop

You have a table named Sales that contains the following data.

SalesDate	SalesAmount	ProductID
ORDER BY	\$2,000	1
SalesDate	AVG(SalesAmount)	
ORDER BY	\$2,000	
3-Apr-20	\$1,170	
6-Apr-20	\$120	

average sales amount day. The output must produce the following results.

answer, drag the appropriate values to the correct targets. Each value may be used once, more

drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Values

ORDER BY	GROUP BY	ORDER BY	SELECT
----------	----------	----------	--------

Answer Area



Value	SalesDate, AVG(SalesAmount)
FROM Sales	
Value	SalesDate

Answer:

Explanation:

<https://docs.microsoft.com/en-us/sql/t-sql/functions/avg-transact-sql>

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