QUESTION 12
HOTSPOT

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

Hot Area:

Answer Area

Relational data uses [▼] to enforce relationships between different tables.
- collections
- columns
- keys
- partitions

Correct Answer:

Answer Area

Relational data uses [▼] to enforce relationships between different tables.
- collections
- columns
- **keys**
- partitions

Explanation

Explanation/Reference:
Reference:
https://teachcomputerscience.com/relational-databases/

QUESTION 13
HOTSPOT

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

Hot Area:

Answer Area

[▼] is a virtual table that contains content defined by a query.
- A heap
- A stored procedure
- A view
- An index

Correct Answer:

Answer Area

[▼] is a virtual table that contains content defined by a query.
- A heap
- A stored procedure
- **A view**
- An index

Explanation

Explanation/Reference:
Reference:
https://docs.microsoft.com/en-us/sql/relational-databases/views/views

QUESTION 14
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.

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.

Correct Answer: ACE
Explanation

Explanation/Reference:

QUESTION 15
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?

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

Correct Answer: C
Explanation

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

QUESTION 16
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
Explanation

Explanation/Reference:
Reference:
https://azure.microsoft.com/en-us/services/sql-database/#features

QUESTION 17
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?

A. Microsoft SQL Server Management Studio (SSMS)
B. Azure Data Studio
C. Azure CLI
D. Azure PowerShell

Correct Answer: B
Explanation

Explanation/Reference:
Reference:
https://www.mssqltips.com/sqlservertip/5997/create-sql-server-notebooks-in-azure-data-studio/

QUESTION 18
DRAG DROP

Match the terms to the appropriate descriptions.

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

NOTE: Each correct match is worth one point.

Select and Place:

Terms	Answer Area	
Index		A database object that holds data
View		A database object whose content is defined by a query
Table		A database object that helps improve the speed of data retrieval

Correct Answer:

Terms	Answer Area	
Index	Table	A database object that holds data
View	View	A database object whose content is defined by a query
Table	Index	A database object that helps improve the speed of data retrieval

Explanation

Explanation/Referenc

e:
Reference:
https://en.wikipedia.org/wiki/Table_(database)#:~:text=A%20table%20is%20a%20collection,table%20format%20within%20a%20database.&text=In%20relational%_20databases%2C%20and%20flat,a%20row%20and%20column%20intersect.

https://en.wikipedia.org/wiki/View_(SQL)

https://en.wikipedia.org/wiki/Database_index#:~:text=A%20database%20index%20is%20a,maintain%20the%20index%20data%20structure.

QUESTION 19
Which command-line tool can you use to query Azure SQL databases?

A. `sqlcmd`
B. `bcp`
C. `azdata`
D. Azure CLI

Correct Answer: D
Explanation

Explanation/Reference:
Reference:
https://docs.microsoft.com/en-us/azure/azure-sql/database/az-cli-script-samples-content-guide?tabs=single-database

QUESTION 20
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.

Hot Area:

Answer Area

Statements	Yes	No
Azure SQL Database includes a fully managed backup service.	○	○
Azure SQL Database has built-in high availability.	○	○
Azure SQL Database can use Azure Advanced Threat Protection (ATP).	○	○

Correct Answer:

Answer Area

Statements	Yes	No
Azure SQL Database includes a fully managed backup service.	○	○
Azure SQL Database has built-in high availability.	○	○
Azure SQL Database can use Azure Advanced Threat Protection (ATP).	○	○

Explanation

Explanation/Reference:

Reference:
https://docs.microsoft.com/en-us/azure/azure-sql/database/sql-database-paas-overview

https://azure.microsoft.com/en-us/blog/announcing-sql-atp-and-sql-vulnerability-assessment-general-availability/

QUESTION 21
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.

Hot Area:

Answer Area

Statements	Yes	No
You can use Azure Data Studio to query a Microsoft SQL Server big data cluster.	○	○
You can use Microsoft SQL Server Management Studio (SSMS) to query an Azure Synapse Analytics data warehouse.	○	○
You can use MySQL Workbench to query Azure Database for MariaDB databases.	○	○

Correct Answer:

Answer Area

Statements	Yes	No
You can use Azure Data Studio to query a Microsoft SQL Server big data cluster.	◉	○
You can use Microsoft SQL Server Management Studio (SSMS) to query an Azure Synapse Analytics data warehouse.	◉	○
You can use MySQL Workbench to query Azure Database for MariaDB databases.	◉	○

Explanation

Explanation/Reference:
Reference:
https://docs.microsoft.com/en-us/sql/big-data-cluster/connect-to-big-data-cluster?view=sql-server-ver15

https://docs.microsoft.com/en-us/azure/synapse-analytics/sql-data-warehouse/sql-data-warehouse-query-ssms

https://docs.microsoft.com/en-us/azure/mariadb/connect-workbench

QUESTION 22
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.

Hot Area:

Answer Area

Statements	Yes	No
Platform as a service (PaaS) database offerings in Azure provide built-in high availability.	○	○
Platform as a service (PaaS) database offerings in Azure provide configurable scaling options.	○	○
Platform as a service (PaaS) database offerings in Azure reduce the administrative overhead for managing hardware.	○	○

Correct Answer:

Answer Area

Statements	Yes	No
Platform as a service (PaaS) database offerings in Azure provide built-in high availability.	◯	◯
Platform as a service (PaaS) database offerings in Azure provide configurable scaling options.	◯	◯
Platform as a service (PaaS) database offerings in Azure reduce the administrative overhead for managing hardware.	◯	◯

Explanation

Explanation/Reference:
Reference:
https://docs.microsoft.com/en-us/azure/azure-sql/database/sql-database-paas-overview