Correct Answer: C

QUESTION 33
You need to ensure that users use multi-factor authentication (MFA) when connecting to an Azure SQL database. Which type of authentication should you use?

A. service principal authentication
B. Azure Active Directory (Azure AD) authentication
C. SQL authentication
D. certificate authentication

Correct Answer: B

QUESTION 34
HOTSPOT
To complete the sentence, select the appropriate option in the answer area.

By default, each Azure SQL database is protected by ▼

| a network security group (NSG). |
| a server-level firewall. |
| Azure Firewall. |
| Azure Front Door. |

Correct Answer:

By default, each Azure SQL database is protected by ▼

| a network security group (NSG). |
| a server-level firewall. |
| Azure Firewall. |
| Azure Front Door. |

QUESTION 35
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.

Answer Area

Statements	Yes	No
Azure SQL managed instance supports cross-database queries.	○	○
Azure SQL managed instance supports user-created backups.	○	○
Azure SQL managed instance databases can be restored to SQL Server on an Azure virtual machine.	○	○

Correct Answer:

Answer Area

Statements	Yes	No
Azure SQL managed instance supports cross-database queries.	⊙	○
Azure SQL managed instance supports user-created backups.	○	⊙
Azure SQL managed instance databases can be restored to SQL Server on an Azure virtual machine.	⊙	○

QUESTION 36

You have data saved in the following format.

```
{
    "firstName": "John",
    "lastName": "Doe",
    "age": "23",
    "hobbies": [
        { "type": "Sports", "value": "Golf" },
        { "type": "Leisure", "value": "Reading" },
        { "type": "Leisure", "value": "Guitar" }
    ]
}
```

Which format was used?

A. XML
B. yaml
C. JSON
D. HTML

Correct Answer: D

QUESTION 37
HOTSPOT
To complete the sentence, select the appropriate option in the answer area.

By default, each Azure SQL database is protected by ▼

- a network security group (NSG).
- a server-level firewall.
- Azure Firewall.
- Azure Front Door.

Correct Answer:

By default, each Azure SQL database is protected by ▼

a network security group (NSG).
a server-level firewall.
Azure Firewall.
Azure Front Door.

QUESTION 38
You have an Azure SQL database that you access directly from the internet.

You recently changed your external IP address.

After changing the IP address, you can no longer access the database. You can connect to other resources in Azure

What is a possible cause of the issue?

A. a database-level firewall
B. role-based access control (RSAC)
C. Dynamic Host Configuration Protocol (DHCP)
D. Domain Name Service (DNS)

Correct Answer: A
Explanation:
The Azure SQL Database firewall lets you decide which IP addresses may or may not have access to either your Azure SQL Server or your Azure SQL database.

When creating an Azure SQL Database, the firewall needs to be configured before anyone will be able to access the database. By default, no external access to your SQL Database will be allowed until you explicitly assign permission by creating a firewall rule.

QUESTION 39
Which type of non-relational data store supports a flexible schema, stores data as JSON files, and stores the all the data for an entity in the same document?

A. document
B. columnar
C. graph
D. time series

Correct Answer: A

QUESTION 40
HOTSPOT
Select the answer that correctly completes the sentence.

In a SQL statement, [FROM and WHERE / GROUP BY and ORDER BY / JOIN and MERGE / MAX and MIN ▼] are examples of aggregate functions.

Correct Answer:

In a SQL statement, [FROM and WHERE / GROUP BY and ORDER BY / JOIN and MERGE / **MAX and MIN** ▼] are examples of aggregate functions.

QUESTION 41
DRAG DROP
Match the types of workloads to the appropriate scenarios.

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

NOTE: Each correct match is worth one point.

Workload Types		Answer Area	
Batch	Streaming	Workload Type	Analyzing web traffic from the past year
		Workload Type	Classifying images that were uploaded last month
		Workload Type	Tracking how many people are currently using a website

Correct Answer:

Workload Types		Answer Area	
Batch	Streaming	Batch	Analyzing web traffic from the past year
		Streaming	Classifying images that were uploaded last month
		Batch	Tracking how many people are currently using a website

QUESTION 42
Which statement is an example of Data Manipulation Language (DML)?

A. INSERT
B. DISABLE
C. ALTER
D. DROP

Correct Answer: A
Explanation:
Data Manipulation Language (DML) statements:

▪ DELETE
▪ INSERT
▪ UPDATE

QUESTION 43
You need to store data by using Azure Table storage. What should you create first?

A.   an Azure Cosmos DB instance
B.   a storage account
C.   a blob container
D.   a table

Correct Answer: B
Explanation:
First create an Azure storage account, then use Table service in the Azure portal to create a table.

Note:
An Azure storage account contains all of your Azure Storage data objects: blobs, files, queues, and tables.

QUESTION 44
HOTSPOT
Select the answer that correctly completes the sentence.

Answer Area

A relational database is appropriate for scenarios that involve a high volume of ▼

Correct Answer:

Answer Area

A relational database is appropriate for scenarios that involve a high volume of | transactional writes. | ▼

QUESTION 45
You have an e-commerce application that reads and writes data to an Azure SQL database. Which type of processing does the application use?

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

Correct Answer: D

QUESTION 46
You have an inventory management database that contains the following table.