



# Quiz review

Started on	Sunday, 5 May 2024, 6:15 PM
State	Finished
Completed on	Sunday, 5 May 2024, 6:20 PM
Time taken	4 mins 50 secs
Marks	10.00/10.00
Grade	100.00 out of 100.00
Feedback	Congratulations!!! You have passed by securing more than 70%

## Question 1

Correct

Mark 1.00 out of 1.00

Which Azure service is suitable for hosting a MySQL database with automatic scaling and high availability?

Select one:

- ☐ Azure Cosmos DB
- ☐ Azure Blob Storage
- ☒ Azure Database for MySQL ✓
- ☐ Azure SQL Database

The correct answer is: Azure Database for MySQL

## Question 2

Correct

Mark 1.00 out of 1.00

What are the features of Azure SQL Database?

Select one:

- ☒ Automatic backups, built-in intelligence, and multi-model support ✓
- ☐ Only supports NoSQL data models
- ☐ Limited scalability and single-region storage
- ☐ Suitable for offline data processing only

The correct answer is: Automatic backups, built-in intelligence, and multi-model support



### Question 3

Correct

Mark 1.00 out of 1.00

Define Azure database for PostgreSQL.

Select one:

- ☒ A relational database service for PostgreSQL applications in Azure ✓
- ☐ A cloud-based virtual machine service
- ☐ An analytics service for big data processing
- Answer: B
- ☐ A distributed file storage service in Azure

The correct answer is: A relational database service for PostgreSQL applications in Azure

### Question 4

Correct

Mark 1.00 out of 1.00

Explain Azure SQL Managed Instance.

Select one:

- ☒ A fully managed, always up-to-date SQL Server instance hosted in Azure ✓
- ☐ A service for managing Kubernetes clusters
- ☐ An offline storage solution for archival purposes
- ☐ A tool for managing Azure virtual machines

The correct answer is: A fully managed, always up-to-date SQL Server instance hosted in Azure

### Question 5

Correct

Mark 1.00 out of 1.00

How does Azure SQL Database ensure high availability?

Select one:

- ☐ By limiting data replication
- ☒ By utilizing geo-replication and automatic failover ✓
- ☐ Through automatic backups
- ☐ By supporting only single-region deployments

The correct answer is: By utilizing geo-replication and automatic failover

### Question 6

Correct

Mark 1.00 out of 1.00

What is Azure Cosmos DB?

Select one:

- ☐ An Azure service for machine learning algorithms
- ☒ A distributed, multi-model database service for global applications ✓
- ☐ Azure's cloud-based relational database service
- ☐ A file storage service for managing unstructured data

The correct answer is: A distributed, multi-model database service for global applications

### Question 7

Correct

Mark 1.00 out of 1.00

What is Azure SQL Database?

Select one:

- ☐ A service for managing virtual machines in the cloud
- ☐ A NoSQL database service in Azure
- ☐ A cloud-based service for managing containers
- ☒ A relational database service with built-in intelligence ✓

The correct answer is: A relational database service with built-in intelligence

### Question 8

Correct

Mark 1.00 out of 1.00

What are the benefits of Azure Cosmos DB?

Select one:

- ☒ Automatic scaling, global distribution, and multi-model support ✓
- ☐ Limited scalability and regional data storage
- ☐ Suitable for small-scale applications only
- ☐ Only supports SQL queries

The correct answer is: Automatic scaling, global distribution, and multi-model support

### Question 9

Correct

Mark 1.00 out of 1.00

Define Azure database for MySQL.

Select one:

- ☐ A distributed file storage service in Azure
- ☐ An analytics service for big data processing
- ☒ A relational database service for MySQL applications in Azure ✓
- ☐ A cloud-based virtual machine service

The correct answer is: A relational database service for MySQL applications in Azure

### Question 10

Correct

Mark 1.00 out of 1.00

What is the primary advantage of Azure Cosmos DB's global distribution feature?

Select one:

- ☐ Improved security
- ☒ Low-latency access to data across the globe ✓
- ☐ Reduced storage costs
- ☐ Limited data redundancy

The correct answer is: Low-latency access to data across the globe

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