QUIZIZZ

NAME :

CLASS :

AWS Relational Database
11 Questions

DATE :

1. RDS Reserved instances are available for multi-AZ deployments.

A True

B False

2. You can SSH into and control the operating system where your Amazon RDS MySQL instance is running.

A True

B False

3. Under what circumstances would you choose provisioned IOPS over standard storage when creating an RDS instance?

A If this was a test Database.

B If you have workloads that are not sensitive to latency/lag.

C If your business was trying to save money.

D If you use online transaction processing in your production environment.

4. With new RDS DB instances, automated backups are enabled by default?

A False

B True

5. MySQL installations default to port number ____.

A 3306

B 3389

C 1433

D 80

6. If I wanted to run a database on an EC2 instance, which of the following storage options would Amazon recommend?

A EBS

B RDS

C S3

D Glacier

7. Which set of RDS database engines is currently available?

A PostgreSQL, MariaDB, MongoDB, Amazon Aurora

B Aurora, MySQL, SQL Server, Cassandra

C MariaDB, SQL Server, MySQL, Cassandra

D Amazon Aurora, MySQL, MariaDB, Oracle, SQL Server, and PostgreSQL

8. What happens to the I/O operations of a single-AZ RDS instance during a database snapshot or backup?

A I/O operations to the database are sent to a Secondary instance of a Multi-AZ installation (for the duration of the snapshot.)

B I/O operations will function normally.

C Nothing.

D I/O may be briefly suspended while the backup process initializes (typically under a few seconds), and you may experience a brief period of elevated latency.

9. Which AWS Database service is the most suitable for OLTP (Online Transactional Processing) workloads?

A DynamoDB

B ElastiCache

C Redshift

D RDS

10. Your business is building a new application that will store its entire customer database that data for different purposes. Large analytics jobs on the database are likely to cause other applications to not be able to get the query results they need to, before time out. Also, as your data grows, these analytics jobs will start to take more time, increasing the negative effect on the other applications. How do you solve the contention issues between these different workloads on the same data?

A. Use ElastiCache to offload the analytics job data.

B. Create RDS Read-Replicas for the analytics work.

C. Enable Multi-AZ mode on the RDS instance.

D. Run the RDS instance on the largest size possible.

11. You have launched an RDS instance with MySQL database with default configuration for your file sharing application to store all the transactional information. Due to security compliance, your organization wants to encrypt all the databases and storage on the cloud. They approached you to perform this activity on your MySQL RDS database. How can you achieve this?

A. Stop the RDS instance, modify and select encryption option. Start the RDS instance, it may take a while to start RDS instance as existing data is getting encrypted.

B. Create a case with AWS support to enable encryption for your RDS instance.

C. AWS RDS is a managed service and the data at rest in all RDS instances are encrypted by default.

D. Copy snapshot from latest snapshot of your RDS instance, select encryption during copy and restore a new DB instance from the newly encrypted snapshot.

Answer Key

1. a	2. b	3. d	4. b
5. a	6. a	7. d	8. d
9. d	10. b	11. d	