CLOUD FOUNDATION QUIZ SET [2]

NAME: _____ **ENROLLMENT NO:** _____

Each Question: 0.5 Marks   **Duration:** 10 Minutes
Start Time: 11:45 AM   **End Time:** 11:55 AM
Completely fill the circles as shown: ○○●○

Q. 1 Which of the following is a key benefit of using Amazon S3 for storing data?

- ○ a. Unlimited storage capacity
- ○ b. Low-latency data retrieval
- ● c. Automatic data encryption
- ○ d. Real-time data analytics

Q. 2 Which AWS service is used to launch and manage virtual servers in the cloud?

- ○ a. Amazon S3
- ○ b. AWS Lambda
- ● c. Amazon EC2
- ○ d. Amazon RDS

Q. 3 What does the "R" stand for in the AWS service "Amazon RDS"?

- ○ a. Reliable
- ○ b. Redundant
- ○ c. Real-time
- ● d. Relational

Q. 4 What does the acronym "IAM" stand for in AWS?

- ○ a. Internet Access Management
- ● b. Identity and Access Management
- ○ c. Infrastructure Authentication Model
- ○ d. Intelligent Authorization Mechanism

Q. 5 What AWS service is used to create and manage virtual private networks (VPNs) in the cloud?

- ● a. Amazon VPC
- ○ b. Amazon EC2
- ○ c. AWS Direct Connect
- ○ d. Amazon Route 53

Q. 6 Which AWS service can be used to automatically scale EC2 instances based on demand?

- ○ a. AWS Lambda
- ● b. Amazon EC2 Auto Scaling
- ○ c. AWS Elastic Beanstalk
- ○ d. Amazon Route 53

Q. 7 What is the purpose of AWS Lambda?

- ○ a. Managing databases in the cloud
- ○ b. Storing and retrieving large amounts of data
- ○ c. Scaling EC2 instances automatically
- ● d. Running code without provisioning or managing servers

Q. 8 Which AWS service provides a scalable, fully managed NoSQL database?

- ○ a. Amazon S3
- ○ b. AWS Lambda
- ● c. Amazon DynamoDB
- ○ d. Amazon Redshift

Q. 9 How does AWS S3 ensure high durability of stored objects?

- ● a. By replicating data across multiple availability zones
- ○ b. By compressing objects before storage
- ○ c. By encrypting data using AES-256 encryption
- ○ d. By periodically backing up data to Glacier

Q. 10 Which AWS service provides managed file storage for EC2 instances?

- ○ a. Amazon S3
- ○ b. Amazon EBS
- ● c. Amazon EFS
- ○ d. AWS Storage Gateway

Q. 11 What is the purpose of AWS CloudWatch Logs?

- ○ a. To monitor EC2 instance performance
- ○ b. To track user activity in the AWS Management Console
- ● c. To store and monitor log files from AWS services
- ○ d. To automate backups of AWS resources

Q. 12 How does AWS Direct Connect facilitate connections between on-premises networks and AWS?

- ● a. By establishing a dedicated network connection
- ○ b. By providing a VPN connection over the public internet
- ○ c. By using AWS Lambda functions for data transfer
- ○ d. By encrypting data using SSL/TLS protocols

Q. 13 Which AWS service is used for managing and analyzing large amounts of raw data?

- ○ a. Amazon Redshift
- ○ b. Amazon RDS
- ● c. Amazon Athena
- ○ d. Amazon DynamoDB

Q. 14 Which AWS service is a fully managed machine learning service that enables you to easily build, train, and deploy machine learning models at scale?

- ● a. Amazon SageMaker
- ○ b. Amazon Rekognition
- ○ c. AWS DeepLens
- ○ d. AWS DeepRacer

Q. 15 Which AWS service provides a fully managed relational database engine compatible with MySQL, PostgreSQL, Oracle, and SQL Server?

- ○ a. Amazon DynamoDB
- ○ b. Amazon Redshift
- ● c. Amazon RDS
- ○ d. Amazon Aurora

Q. 16 How would a system administrator add an additional layer of login security to a user's AWS Management Console?

- ○ a. Use Amazon Cloud Directory
- ○ b. Audit AWS Identity and Access Management (IAM) roles
- ● c. Enable multi-factor authentication
- ○ d. Enable AWS CloudTrail