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Time taken	1 min 30 secs
Marks	10.00/10.00
Grade	100.00 out of 100.00

Question 1

Complete

Mark 1.00 out of 1.00

According to the cloud shared responsibility model, which of the following is typically the customer's responsibility for an IaaS VM?

- ☐ a. Power and cooling
- ☐ b. Physical security of the data center
- ☒ c. Application and OS-level security configuration
- ☐ d. Hypervisor patching

Question 2

Complete

Mark 1.00 out of 1.00

In AWS, which service is most appropriate for running a traditional 3-tier web application with full control over the operating system?

- ☐ a. Amazon S3
- ☐ b. Amazon RDS
- ☐ c. AWS Lambda
- ☒ d. Amazon EC2

Question 3

Complete

Mark 1.00 out of 1.00

In cloud terminology, an Availability Zone (AZ) is:

- ☐ a. A backup storage service
- ☐ b. A global collection of data centers
- ☒ c. One or more data centers in a region, isolated from failures
- ☐ d. A single physical server

Question 4

Complete

Mark 1.00 out of 1.00

In Google Cloud Platform, which service is primarily used for object storage (files, images, backups)?

- ☐ a. Compute Engine
- ☒ b. Cloud Storage
- ☐ c. Cloud SQL
- ☐ d. Pub/Sub

Question 5

Complete

Mark 1.00 out of 1.00

In Microsoft Azure, a Resource Group is best described as:

- ☐ a. A managed Kubernetes service
- ☐ b. A collection of user accounts and roles
- ☒ c. A logical container for resources that share a lifecycle
- ☐ d. A virtual network for isolating workloads

Question 6

Complete

Mark 1.00 out of 1.00

Which of the following is the best example of an Infrastructure as a Service (IaaS) offering?

- ☐ a. Gmail
- ☐ b. Google BigQuery
- ☐ c. Azure Functions
- ☒ d. AWS EC2

Question 7

Complete

Mark 1.00 out of 1.00

Which of the following pairs correctly matches cloud provider → managed Kubernetes service?

- ☒ a. AWS → EKS
- ☐ b. Azure → EKS
- ☐ c. AWS → GKE
- ☐ d. GCP → AKS

Question 8

Complete

Mark 1.00 out of 1.00

Which practice helps reduce vendor lock-in across AWS, GCP, and Azure?

- ☐ a. Hard-coding all credentials in application code
- ☐ b. Restricting deployments to a single availability zone
- ☐ c. Using many proprietary managed services unique to one provider
- ☒ d. Using containerized applications and infrastructure-as-code tools like Terraform

Question 9

Complete

Mark 1.00 out of 1.00

Which scenario is the best reason to deploy your application across multiple regions in a cloud provider?

- ☐ a. To reduce CPU utilization within a single VM
- ☐ b. To bypass version control
- ☒ c. To reduce latency for global users and increase disaster resilience
- ☐ d. To save storage costs within a single data center

Question 10

Complete

Mark 1.00 out of 1.00

You need a managed relational database in AWS with automatic backups and patching. Which service would you choose?

- ☐ a. Amazon S3
- ☐ b. Amazon DynamoDB
- ☒ c. Amazon RDS
- ☐ d. Amazon EFS