Started on	Monday, 17 November 2025, 12:21 PM
State	Finished
Completed on	Monday, 17 November 2025, 12:25 PM
Time taken	3 mins 50 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 EC2
- b. Amazon S3
- c. Amazon RDS
- d. AWS Lambda

Question 3

Complete

Mark 1.00 out of 1.00

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

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

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.   Pub/Sub

○ d.   Cloud SQL

Question 5

Complete

Mark 1.00 out of 1.00

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

○ a.   A virtual network for isolating workloads

○ b.   A managed Kubernetes service

○ c.   A collection of user accounts and roles

◉ d.   A logical container for resources that share a lifecycle

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.   Azure Functions

○ b.   Gmail

○ c.   Google BigQuery

◉ 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.   AWS → GKE

○ c.   Azure → EKS

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

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

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 RDS
- ○ b.   Amazon DynamoDB
- ○ c.   Amazon S3
- ○ d.   Amazon EFS