INCORRECT

**1.**

Which type of scaling can **NOT** be used by flexible environments?

thumb\_up

thumb\_down

A

Automatic

B

Flexible environments can use all three scaling types.

C

Basic

D

Manual

**Your Answer: D**

**Why is this incorrect?**

Flexible environments can use manual scaling.

Video for reference: Managing App Engine Resources

**Correct Answer: C**

**Why is this correct?**

Flexible environments can only use automatic or manual scaling.

Video for reference: Managing App Engine Resources

**2.**

App Engine is a **\_** as a Service solution.

thumb\_up

thumb\_down

A

Software

B

Application

C

Platform

D

Infrastructure

**Correct Answer: C**

**Why is this correct?**

App Engine is a Platform as a Service. It is a fully managed solution.

Video for reference: Managing App Engine Resources

INCORRECT

**3.**

You need an inexpensive solution for storing log entries long-term. Which destination should you use for the log sink?

thumb\_up

thumb\_down

A

Cloud Pub/Sub

B

Cloud Storage bucket

C

Cloud Bigtable

D

BigQuery

**Your Answer: D**

**Why is this incorrect?**

Send log entries to BigQuery when you need big data analytics.

Video for reference: Monitoring and Logging

**Correct Answer: B**

**Why is this correct?**

Send log entries to Cloud Storage for inexpensive, long-term storage.

Video for reference: Monitoring and Logging

**4.**

What command is used to resize a Kubernetes cluster?

thumb\_up

thumb\_down

A

gcloud container clusters modify-instances

B

gcloud container clusters resize

C

kubectl clusters resize

D

kubectl clusters modify-instances

**Correct Answer: B**

**Why is this correct?**

This command is used to resize a Kubernetes cluster. Remember that kubectl is not used to modify the Kubernetes cluster.

Video for reference: Managing Kubernetes Engine Resources

INCORRECT

**5.**

Which of the following statements are true concerning static IP addresses? Select the most appropriate response.

thumb\_up

thumb\_down

A

With a static internal IP address, we can specify the IP address or let Google select an IP address from the range.

B

With a static external IP address, we can specify the IP address or let Google select an IP address from the range.

C

With a static external IP address, we cannot specify the IP address. Google selects an IP address from the range.

D

With a static external IP address, we have to specify the IP address.

E

With a static internal IP address, we cannot specify the IP address ourselves.

F

With a static internal IP address, we have to specify the IP address.

**Your Answer: F**

**Why is this incorrect?**

We have the option to specify the IP address, but it is not required. Google can select one for us from a range.

Video for reference: Managing Networking Resources

**Correct Answer: A**

**Why is this correct?**

This statement is true. For a static internal IP address, we can select the IP address or let Google select the IP address from a range.

Video for reference: Managing Networking Resources

**Correct Answer: C**

**Why is this correct?**

This is true. For a static external IP address, Google selects the IP address from a range. We cannot specify our own IP address.

Video for reference: Managing Networking Resources

**6.**

What action is performed by the kubectl exec command?

thumb\_up

thumb\_down

A

Create a new deployment

B

View a list of Kubernetes resources

C

Inspect Kubernetes resources

D

Run commands inside a container

**Correct Answer: D**

**Why is this correct?**

This command is used to run commands inside a container, including bash scripts. This is useful for pulling data from pods.

Video for reference: Managing Kubernetes Engine Resources

**7.**

Which of the following statements is true regarding Compute Engine instances and GPUs?

thumb\_up

thumb\_down

A

Every zone has the same number of GPUs.

B

Not all GPU types are available in every zone.

C

Every zone has the same types of GPUs.

D

Google assigns a zone to your VM instance based on the GPU model that you specify.

**Correct Answer: B**

**Why is this correct?**

This statement is true. Make sure that you are using a zone that supports the GPU type that is needed for your VM instance.

Video for reference: Managing Compute Engine Instances - Creating an Instance

INCORRECT

**8.**

What command is used to show a list of Cloud Storage buckets?

thumb\_up

thumb\_down

A

gcloud ls

B

gcloud list

C

gsutil ls

D

gsutil list

**Your Answer: D**

**Why is this incorrect?**

This is partially correct. list should not be used.

Video for reference: Working with Cloud Storage

**Correct Answer: C**

**Why is this correct?**

This is the correct command to list Cloud Storage buckets. gsutil is used for Cloud Storage.

Video for reference: Working with Cloud Storage

**9.**

A point-in-time copy of a persistent disk is called a:

thumb\_up

thumb\_down

A

Image

B

Family

C

Snapshot

D

Backup

**Correct Answer: C**

**Why is this correct?**

A snapshot is a point-in-time copy of a persistent disk.

Video for reference: Managing Compute Engine Instances - Images and Snapshots

**10.**

What action is performed by the gcloud config configurations activate command?

thumb\_up

thumb\_down

A

Activate an existing configuration

B

Create and activate a new configuration

C

Set the account for a configuration

D

Assign a project to a configuration

**Correct Answer: A**

**Why is this correct?**

This command is used to activate an existing configuration. New configurations are already activated when they are created.

Video for reference: Cloud SDK Configurations

**11.**

Why is using the gcloud compute ssh command easier than using a third-party client to manage SSH keys?

thumb\_up

thumb\_down

A

The CLI command uploads instance-level SSH keys for us.

B

The CLI command generates the SSH keys in the terminal.

C

The CLI command uploads the SSH key for us so we do not have to manage it.

D

The CLI command determines the server name when we provide the IP address of the instance.

**Correct Answer: C**

**Why is this correct?**

The gcloud compute ssh command conveniently uploads the SSH key for us.

Video for reference: Managing Compute Engine Instances - SSH

**12.**

What is generated by ssh-keygen? Select the most appropriate response.

thumb\_up

thumb\_down

A

private SSH key

B

public and private SSH key

C

public SSH key

D

service account key

**Correct Answer: B**

**Why is this correct?**

ssh-keygen displays the public and private SSH key in the terminal.

Video for reference: Managing Compute Engine Instances - SSH

**13.**

Regarding storage classes, what action is **NOT** allowed?

thumb\_up

thumb\_down

A

Changing from multi-regional to regional

B

Changing from regional to nearline

C

Changing from regional to coldline

D

Changing from multi-regional to coldline

**Correct Answer: A**

**Why is this correct?**

This action is not allowed. We cannot change from multi-regional to regional, nor from regional to multi-regional.

Video for reference: Working with Cloud Storage

INCORRECT

**14.**

Log sinks can export records to which of the following destinations?

thumb\_up

thumb\_down

A

Cloud Bigtable

B

Cloud Pub/Sub

C

Cloud SQL

D

Cloud Spanner

**Your Answer: A**

**Why is this incorrect?**

Log sinks cannot be exported to Cloud Bigtable.

Video for reference: Monitoring and Logging

**Correct Answer: B**

**Why is this correct?**

Log sinks can be exported to Cloud Pub/Sub.

Video for reference: Monitoring and Logging

INCORRECT

**15.**

Which of the following statements is **NOT** true regarding snapshots and persistent disks?

thumb\_up

thumb\_down

A

The incremental nature of snapshots preserves storage space.

B

Different persistent disks can share the same name if they are in different zones.

C

Snapshots only save the changes from the previous snapshot.

D

Persistent disks require a globally unique name.

**Your Answer: C**

**Why is this incorrect?**

This is true. Snapshots are incremental and only save the differences from the previous snapshot.

Video for reference: Managing Compute Engine Instances - Images and Snapshots

**Correct Answer: D**

**Why is this correct?**

This statement is not true. Persistent disks can have the same name in different zones. They do not need to have a globally unique name.

Video for reference: Managing Compute Engine Instances - Images and Snapshots

**16.**

Which of the following can be used to create a new image?

thumb\_up

thumb\_down

A

Snapshot

B

Cloud Storage file

C

All responses are correct

D

Disk

E

Image

**Correct Answer: C**

**Why is this correct?**

An image can be created from an existing disk, a snapshot, another image, or a Cloud Storage file.

Video for reference: Managing Compute Engine Instances - Images and Snapshots

**17.**

Using the CLI, what command would your colleague, Mathias, use to SSH into a VM instance named development-server?

thumb\_up

thumb\_down

A

gcloud compute ssh mathias@development-server

B

gcloud connect ssh mathias@development-server

C

gsutil compute ssh mathias@development-server

D

gcloud compute development-server@mathias --ssh

**Correct Answer: A**

**Why is this correct?**

This is the correct command that Mathias would use to connect to the development-server instance via SSH. The syntax is gcloud compute ssh + [USER\_NAME] + @[SERVER\_NAME].

Video for reference: Managing Compute Engine Instances - SSH

**18.**

What action is performed by the gcloud config list command? Select the most appropriate response.

thumb\_up

thumb\_down

A

List the settings for the active configuration

B

List all projects that are assigned to a configuration

C

List all gcloud configurations

D

List all active configurations

**Correct Answer: A**

**Why is this correct?**

This command lists the settings for the active configuration.

Video for reference: Cloud SDK Configurations