Started on	Thursday, 22 May 2025, 12:20 PM
State	Finished
Completed on	Thursday, 22 May 2025, 12:33 PM
Time taken	13 mins 35 secs
Marks	14.00/20.00
Grade	**70.00** out of 100.00

Question 1

Complete

Mark 1.00 out of 1.00

How can you see all running Docker containers?

Select one:

- ◉ **a. docker ps**
- ○ **b. docker list**
- ○ **c. docker images**
- ○ **d. docker show**

Question 2

Complete

Mark 1.00 out of 1.00

How do you scale a deployment to 5 replicas?

Select one:

- ◉ **a. kubectl scale deployment myapp --replicas=5**
- ○ **b. kubectl set replicas myapp=5**
- ○ **c. kubectl deploy --scale=5**
- ○ **d. kubectl resize myapp 5**

Question 3

Complete

Mark 0.00 out of 1.00

In a Deployment YAML, what does spec.template define?

Select one:

- ◉ **a. The build script**
- ○ **b. The pod configuration**
- ○ **c. A new container registry**
- ○ **d. The node selector**

Question 4

Complete

Mark 0.00 out of 1.00

What command copies files from host to container image in a Dockerfile?

Select one:

○ **a. ADD**

◉ **b. COPY**

○ **c. MOVE**

○ **d. Both COPY and ADD**

Question 5

Complete

Mark 1.00 out of 1.00

What does kubectl describe command do?

Select one:

○ **a. Deletes the pod**

◉ **b. Shows detailed information about a resource**

○ **c. Shows logs**

○ **d. Outputs YAML format**

Question 6

Complete

Mark 1.00 out of 1.00

What does the -d flag in docker run -d stand for?

Select one:

○ **a. Detach disk**

○ **b. Delete**

◉ **c. Daemon (background mode)**

○ **d. Debug**

Question 7

Complete

Mark 0.00 out of 1.00

What does the EXPOSE keyword in Dockerfile do?

Select one:

◉ **a. Exposes sensitive data**

○ **b. Opens the file system**

○ **c. Documents the port number**

○ **d. Connects to external APIs**

Question 8

Complete

Mark 1.00 out of 1.00

What does the kubectl get pods command do?

Select one:

○ **a. Creates pods**

○ **b. Modifies pods**

◉ **c. Lists all pods**

○ **d. Deletes all pods**

Question 9

Complete

Mark 1.00 out of 1.00

What is a Docker container?

Select one:

○ **a. A hardware virtualization platform**

○ **b. A GitHub repository**

○ **c. A virtual machine**

◉ **d. A lightweight, standalone executable package**

Question 10

Complete

Mark 1.00 out of 1.00

What is the default base image format in a Dockerfile?

Select one:

○ **a. WORKDIR**

◉ **b. FROM**

○ **c. ENV**

○ **d. ENTRYPOINT**

Question 11

Complete

Mark 0.00 out of 1.00

What is the default service type in Kubernetes?

Select one:

○ **a. LoadBalancer**

○ **b. ClusterIP**

○ **c. ExternalName**

◉ **d. NodePort**

Question 12

Complete

Mark 0.00 out of 1.00

What is the function of a Kubernetes Service?

Select one:

- ○ **a. Create containers**
- ○ **b. Expose pods to the network**
- ○ **c. Monitor logs**
- ◉ **d. Deploy apps**

Question 13

Complete

Mark 1.00 out of 1.00

What is the purpose of a ReplicaSet?

Select one:

- ○ **a. To monitor API calls**
- ◉ **b. To ensure a specified number of pod replicas**
- ○ **c. To store pod logs**
- ○ **d. To expose services**

Question 14

Complete

Mark 1.00 out of 1.00

What is the role of a Pod in Kubernetes?

Select one:

- ○ **a. To control replication**
- ○ **b. To store images**
- ◉ **c. The smallest deployable unit**
- ○ **d. To execute kubectl commands**

Question 15

Complete

Mark 1.00 out of 1.00

Which command deletes a Kubernetes resource from a YAML file?

Select one:

- ◉ **a. kubectl delete -f**
- ○ **b. kubectl purge -f**
- ○ **c. kubectl remove**
- ○ **d. kubectl drop -f**

Question 16

Complete

Mark 1.00 out of 1.00

Which command is used to build a Docker image?

Select one:
- ○ **a. docker run**
- ○ **b. docker make**
- ○ **c. docker image**
- ● **d. docker build**

Question 17

Complete

Mark 1.00 out of 1.00

Which Docker command stops a running container?

Select one:
- ○ **a. docker kill**
- ● **b. docker stop**
- ○ **c. docker delete**
- ○ **d. docker pause**

Question 18

Complete

Mark 1.00 out of 1.00

Which file defines the steps to build a Docker image?

Select one:
- ○ **a. Containerfile**
- ● **b. Dockerfile**
- ○ **c. Makefile**
- ○ **d. Buildfile**

Question 19

Complete

Mark 1.00 out of 1.00

Which file format is used for Kubernetes configuration?

Select one:
- ○ **a. .conf**
- ○ **b. .ini**
- ● **c. .yml or .yaml**
- ○ **d. .json only**

Question 20

Complete

Mark 0.00 out of 1.00

Which of the following best explains docker-compose?

Select one:

○ **a. Manages multiple containers as a single service**

◉ **b. Compiles Docker containers into a binary**

○ **c. Combines Docker images**

○ **d. A version of Docker for Windows**