**Module 2 - Practice Quiz**

**Total points**5

**1.**

**Question 1**

Which of the following is not handled by Kubernetes?

**1 / 1 point**



Automating app integration



Scaling



Provisioning and deployment



Performing health checks

**Correct**

**2.**

**Question 2**

Which of the following two are container runtimes? Select all that apply.

**1 / 1 point**



rocket



DRunner



CRI-O

**Correct**



Kubernetes



Docker

**Correct**

**3.**

**Question 3**

A namespace is a Kubernetes object that can be used to segregate a cluster by team or project.

**1 / 1 point**



True



False

**Correct**

**4.**

**Question 4**

A Deployment is a Kubernetes object that provides updates to which of the following?

**1 / 1 point**



Pods and ReplicaSets



Secrets and Pods



ConfigMaps and Secrets



ReplicaSets and ConfigMaps

**Correct**

**5.**

**Question 5**

Which kubectl command creates an object using the details in the pod.json file?

**1 / 1 point**



kubectl create -o pod.json



kubectl create -d . pod.json



kubectl create -f ./pod.json



kubectl create -f pod.json

**Correct**

**Module 2 - Graded Quiz**

**Latest Submission Grade 90%**

**1.**

**Question 1**

Which of the following four statements describes what Kubernetes is? Select all that apply.

**1 / 1 point**



A tool that facilitates declarative management

**Correct**



Container orchestration platform

**Correct**



A registry for storing images



Open source software

**Correct**



Widely available

**Correct**

**2.**

**Question 2**

Which of the following components is part of the Kubernetes control plane?

**1 / 1 point**



etcd



The kubelet



The worker nodes



The Kubernetes network proxy

**Correct**

**3.**

**Question 3**

Which of the following two are Kubernetes objects? Select all that apply.

**0 / 1 point**



Namespaces

**Correct**



Clusters

**This should not be selected**



ConfigMaps



Kubelets



Kubernetes scheduler

**4.**

**Question 4**

Which Kubernetes object represents a single instance of processes running in a container?

**1 / 1 point**



ReplicaSet



Pod



Kubelet



Deployment



Cluster

**Correct**

**5.**

**Question 5**

In this sample kubectl command, what does create do?

kubectl create -f nginx.yaml

**1 / 1 point**



It creates an object using the details in the nginx.yaml file.



It creates a new cluster using the details in the nginx.yaml file.



It creates a YAML file named nginx.yaml.



It creates a configuration file for an nginx web server.

**Correct**

**6.**

**Question 6**

Which of the following statements describes what Kubernetes is?

**1 / 1 point**



A solution for sharing and storing images



A service for building source code



A container orchestration platform



An all-inclusive platform as a service (PaaS)



A continuous delivery pipeline

**Correct**

**7.**

**Question 7**

Which of the following two are container runtimes? Select all that apply.

**1 / 1 point**



DRunner



Docker

**Correct**



Kubelet



Rocket Ship



CRI-O

**Correct**

**8.**

**Question 8**

Which of the following Kubernetes objects can you use to segregate a cluster by team or project?

**1 / 1 point**



ConfigMaps



Volumes



Kubernetes controllers



Namespaces

**Correct**

**9.**

**Question 9**

Which Kubernetes object provides updates to Pods and ReplicaSets?

**1 / 1 point**



Patch



ConfigMap



Deployment



Secret

**Correct**

**10.**

**Question 10**

In this sample kubectl command, what does create do?

kubectl create -f pod.json

**1 / 1 point**



It creates an object using the details in the pod.json file.



It creates a new cluster using the details in the pod.json file.



It creates a file that contains the configuration for a Kubernetes Pod.



It creates a JSON file named pod.json.

**Correct**