**Quiz 1: Architecture**  
  
1. What is a worker machine in Kubernetes known as?

* Cluster
* Node
* Minion
* Node or Minion

2. A Node in Kubernetes can only be a physical machine and can never be a virtual machine.

* True
* False

3. Multiple Nodes together form a

* POD
* Group
* Cluster
* Swarm

4. Which of the following processes runs on Kubernetes Master Node

* Kubelet
* Kube-apiserver
* Kube-proxy

5. Which of the following is a distributed reliable key-value store used by Kubernetes to store all data used to manage the cluster?

* kube-api-server
* kubelet
* scheduler
* etcd
* Controller

6. Which of the following services is responsible for distributing work or containers across multiple nodes?

* kube-api-server
* kubelet
* scheduler
* etcd
* Controller

7. Which of the following is the underlying framework that is responsible for running applications in containers like Docker?

* kube-api-server
* kubelet
* container runtime
* etcd
* Controller

8. What is the command line utility used to manage a Kubernetes cluster?

* kube-api
* kubelet
* kubectrl
* kubectl
* Docker

**Quiz 2 : PODS**

1. The smallest unit you can create in the Kubernetes object model is:

* Service
* Container
* Pod
* Application
* Process

1. A Pod can only have one container in it

* True
* False

1. What is the right approach to scaling an application

* Deploy additional containers in the Pod
* Deploy additional Pods
* You cannot scale an application in Kubernetes. This is not a use-case of Kubernetes.

**Quiz 3: Kubernetes Setup**

1. Which of the below is an option to run Kubernetes in a Local Environment?

* kubectl
* kube-server
* minikube
* play-with-k8s

1. Which of the below is an instant way of setting up a permanent Kubernetes cluster on the cloud?

* kubeadm tool
* minikube
* Google Container Engine (GKE)
* play-with-k8s

1. Which of the below solutions is used for setting up a multi-node Kubernetes cluster in a local environment?

* kubeadm
* minikube
* Google Container Engine (GKE)
* play-with-k8s