**1) What is the smallest operational unit of Kubernetes?**

a. Task

b. **Pod**

c. Nodes

d. Container

**2) Replication Controllers and Deployment Controllers are part of ................**

a. Kubeadm

b. Etcd manager

c. API Controller Manager

d. **Master Controller Manager**

3) **At its core, Kubernetes is a platform for ...............**

a. Packaging software in containers

b. Provisioning machines

c. **Running and scheduling container applications on a cluster**

d. None of above

4) . **.................. manages the assigning nodes to pods depending on resource availability.**

a. Etcd

b. Kubectl

c. **Scheduler**

d. None of above

5) **Correct command to get all nodes in kubernetes.**

a. kubectl node get

b. **kubectl get nodes**

c. kubectl --get node

d. kubeadm init

6) **Which command to create a pod in kubernetes.**

a. $ kubectl –f pod.yaml

b. $ kubectl --apply pod.yaml

c. $ kubectl modify pod.yaml

d. **$ kubectl create –f pod.yaml**

7) **Which command is correct to get list all pods in ps output format with more information (such as node name)**

a. kubectl get --pods -o wide

b. kubectl get --pods wide

c. **kubectl get pods -o wide**

d. kubectl get pods

8) **Command to delete all pods.**

a. **kubectl delete pods --all**

b. kubectl delete --pods --all

c. kubectl delete pod

d. kubectl delete pod –all

**9) Assume we have a node named node123, and we want to add a tainting effect to it, which command we will use**

a. **kubectl taint nodes node123 key:=NoSchedule**

b. kubectl taint node key:=NoSchedule

c. kubectl taint nodes node123

d. kubectl taint node key:=NoSchedule

**10) When a pod is created, without a service, we cannot access to the app running within container in the pod. The most obvious way is to create a service for the pod either via Load Balancer or NodePort so which command we will use?**

a. kubectl expose pod hello-pod --target-port=80 -o yaml

b. kubectl expose pod hello-pod --type=NodePort -o yaml

c. kubectl expose pod hello-pod -o yaml

**d. kubectl expose pod hello-pod --type=NodePort --target-port=80 -o yaml**