Kubernetes Questions:

1. What are the components available in Master Node ?
2. Kubectl Api-Server Etcd Docker
3. Kubectl Scheduler Etcd Docker
4. Kubectl Scheduler Etcd Control-Manager
5. Apt-Server Etcd Control-Manager Scheduler

Ans) D

1. Which command is used to check how scaling happed?
2. kubectl get events --sort-by=.metadata.creationTimestamp
3. kubectl get events
4. kubectl get events --sort-by=.metadata.pods
5. kubectl scale deployment nginx

Ans) A

1. Which command using to creating deployments?
2. Kubectl create deployment pod –image=nginx
3. Kubectl create deployment exec –image=nginx
4. Kubectl create deployment nginx –image=nginx –port=80
5. Kubectl create deployment nginx –image=nginx

Ans) D

1. How to create a pod choose the right command?
2. Kubectl create pod –image –port=8080
3. Kubectl exec –it pod -- /bin/bash
4. Kubectl create deployment –image=muralisocial123/testing-py:1.0
5. Kubectl run murali-deployment –image muralisocial123/python:1.0

Ans) D

1. Which command do you use to deploy the pod on to the particular node using node labels?
2. Taints
3. Tolerance
4. Node Selectors
5. Node Affinity

Ans) C

1. Which is using to create a private cluster?
2. gcloud beta container clusters create my-private-cluster
3. gcloud beta container cluster clustername
4. gcloud beta container clusters create clustername
5. gcloud beta container clusters create clustername –name cluster

Ans) A

1. I have an application which is running on pod how to access application through browser?
2. Create service
3. Through port number
4. Through Service and Port number.
5. Create a LoadBalancer

Ans: C

1. [What is the basic operational unit of Kubernetes or K8S?](https://www.freetimelearning.com/online-quiz/programming-languages-quiz.php?What-is-the-basic-operational-unit-of-Kubernetes-or-K8S?&id=5827)
2. POD
3. Container
4. Service
5. LoadBalancer

Ans: A

1. [This volume type can be used to share contents within containers in a pod, but will not persist beyond the life of a pod.](https://www.freetimelearning.com/online-quiz/programming-languages-quiz.php?This-volume-type-can-be-used-to-share-contents-within-containers-in-a-pod-but-will-not-persist-beyond-the-life-of-a-pod.&id=5828)
2. Local
3. ConfigMap
4. PresistentVolume
5. emptyDir

Ans: D

1. [Which one of the following can be considered as the primary data store of Kubernetes ?](https://www.freetimelearning.com/online-quiz/programming-languages-quiz.php?Which-one-of-the-following-can-be-considered-as-the-primary-data-store-of-Kubernetes-?&id=5830)

A.POD

B.Container

C. Etcd

D.Database

Ans) C

1. [Which of the following runs on each node and ensures containers are running in a pod?](https://www.freetimelearning.com/online-quiz/programming-languages-quiz.php?Which-of-the-following-runs-on-each-node-and-ensures-containers-are-running-in-a-pod?&id=5831)
2. Scheduler
3. POD
4. Control-Manager
5. Kubelet

Ans) D

1. [Why do we need to tag images created by docker?](https://www.freetimelearning.com/online-quiz/programming-languages-quiz.php?Why-do-we-need-to-tag-images-created-by-docker?&id=5867)

A. To maintain multiple versions of same image using same image name

B. We don't need to tag images, we can create same image with different image names

C. Both A and B

D. None of the above

Ans) A

1. [Name the 4 main network issues/problems/topics within Kubernetes?](https://www.freetimelearning.com/online-quiz/programming-languages-quiz.php?Name-the-4-main-network-issues/problems/topics-within-Kubernetes?&id=5871)
2. Pod to Pod
3. Pod to Service
4. Container to Container
5. All of the Above

Ans) D

1. [What happens when a master node inside kubernetes fails?](https://www.freetimelearning.com/online-quiz/programming-languages-quiz.php?What-happens-when-a-master-node-inside-kubernetes-fails?&id=5874)
2. Pods do not create
3. Pods still create
4. Container filed to create
5. Unable to pull the image

Ans: B

1. [\_\_\_\_\_\_\_\_\_\_\_\_is a special namespace that is used for special purposes like bootstrapping a cluster.](https://www.freetimelearning.com/online-quiz/programming-languages-quiz.php?____________is-a-special-namespace-that-is-used-for-special-purposes-like-bootstrapping-a-cluster.&id=5857)
2. Default
3. Kube-Public
4. Kube-System
5. Kube-Private

Ans) B