Questions On Kubernetes

1. What is the basic operational unit of Kubernetes?

a) Task

b) Pod

c) Nodes

d) Container

Ans: pod

2. Which one of the following can be considered as the primary data store of Kubernetes?

a) pod

b) node

c) etcd

d) None of above

Ans: etcd

3. Kubernetes was developed by .................

a) Google

b) IBM

c) Microsoft

d) None of above

Ans: Google

4. What is Kubernetes?

a) Portable platform

b) Extensible platform

c) Open-source platform

d) All of the Above

Ans: All of the above

5. In Kubernetes a node is ................

a) A worker Machine

b) A tool for starting a Kubernetes cluster on a local machine

c) developing tool

d) None of above

Ans: A worker machine

6. What are the features of Kubernetes?

A) Containerized infrastructure

B) Auto-scalable infrastructure

C) Higher density of resource utilization

D) All of the above

Ans: D

7. Kubernetes is written in \_\_\_

A) C++

B) Python

C) Go

D) Java

Ans: C

8. \_\_\_ runs on each node and ensures containers are running in a pod.

A) etcd

B) Pod

C) Kubelet

D) Scheduler

Ans: C

9.Kubernetes version 1.8 introduced \_\_\_

A) Secrets

B) Taints and Tolerations

C) Federated Clusters

D) Cluster level Logging

Ans: B

10. Which of the following are core Kubernetes Objects?

A) Pods

B) Volumes

C) Services

D) All of them

Ans: D

11.Kubernetes Network proxy runs on which node?

A) Master Node

B) Worker Node

C) CIDR Node

D) Both A & B

Ans: D

12. There are ............ types of Pods in Kubernetes?

A) 2

B) 3

C) 4

D) 6

Ans: A

13. Which of the followings are the Kubernetes Node Components?

A) Docker

B) Kubelet Service

C) Kubernetes Proxy Service

D) All of the above

Ans: D

14. Kubernetes API currently supports ........... type of selectors.

A) Set-based selectors

B) Equality-based selectors

C) both Set-based & Equality-based selectors

D) None of the above

Ans: C

15. What is the use of Google Kubernetes Engine?

A) Resize application controllers

B) Debug container clusters

C) Update and upgrade container clusters

D) All of the Above

Ans: D

16. ……………. are the Kubernetes controllers.

A) Deployment

B) Replica Set

C) Both Deployment & Replica Set

D) None of the above Ans: C

17. The different services within Kubernetes are \_\_\_.

A) Cluster IP service

B) Node Port service

C) Load Balancer service

D) All of the above Ans: D

18. \_\_\_ are the types of Kubernetes pods.

A) Single Container Pod

B) Double Container pods

C) Multi Container pods

D) Both A and C Ans: D

19. \_\_\_ is the platform using which you can pass commands to the cluster.

A) Minikube

B) Kubectl

C) Kubelet

D) None of the above Ans: B

20. Which Operating System does Kubernetes run on?

A) Windows

B) Linux

C) OS X

D) FreeBSD

Ans: A