**Q1. What is the basic operational unit of Kubernetes?**

**A.** Task

**B. Pod**

**C.** Nodes

**D.** Container

**Q2. 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

**Q3. Which of the following runs on each node and ensures containers are running in a pod?**

**A.** Pod

**B.** Etcd

**C. Kubelet**

**D.** Scheduler

**Q4. Replication Controllers and Deployment Controllers are part of ................ A.** Kubeadm

**B.** Etcd manager

**C.** API Controller Manager

**D. Master Controller Manager**

**Q5. Kubernetes was developed by .................**

**A. Google**

**B.** IBM

**C.** Microsoft

**D.** None of above

**Q6. What is Kubernetes?**

**A.** Portable platform

**B.** Extensible platform

**C.** Open-source platform

**D. All of the Above**

**Q7. what is the latest version of kubernetes?**

**A.** 1.1

**B.** 2.0

**C.** 1.19

**D. 1.20**

**Q8. 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

**Q9. What can you deploy on Kubernetes?**

**A. Containers**

**B.** Virtual machines

**C.** System processes

**D.** None of above

**Q10. 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

**Q11. .................. manages the assigning nodes to pods depending on resource availability.**

**A.** Etcd

**B.** Kubectl

**C. Scheduler**

**D.** None of above

**Q12. Kubernetes is written in which language?**

**A. Go**

**B.** C++

**C.** Python

**D.** Java spring framework

**Q13. To create a new deployment in kubernetes, use the command ..................**

**A. Kubectl run**

**B.** Kubernetes get deployment

**C.** Kubernetes set deployment

**D.** None of above

**Q14. Which of the following command is used to create kubernetes service?**

**A.** Kubectl run

**B.** Kubectl deploy

**C. Kubectl expose**

**D.** None of the above

**Q15. Kube-apiserver on kubernetes master is designed to scale.**

**A.** Vertically

**B. Horizontally**

**C.** Both Vertically & Horizontally

**D.** None of above

**Q16. which of the following process runs on kubernetes non-master node?**

**A. Kube-proxy**

**B.** Kube-apiserver

**C.** Both Kube-proxy & Kube-apiserver

**D.** None of above

**Q17. ............ is responsible for health check of the pods running on individual nodes.**

**A.** Kubectl

**B. Kubelet**

**C.** Kube scheduler

**D.** Kube controller manager

**Q18. Cronjobs in kubernetes run in .....................**

**A.** GMT only

**B. UTC only**

**C.** Local time zone

**D.** Server NTP settings

**Q19. Which of the following forms the core kubernetes objects?**

**A.** Pod

**B.** Service

**C.** Volume

**D. All of the Above**

**Q20. Which of the following is a Kubernetes controllers?**

**A.** Replicaset

**B.** Deployment

**C.** Namespace

**D. Both Replicaset & Deployment**

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