1. What is Cloud Computing?  
   **a) Cloud Computing means providing services like storage, servers, database, networking, etc**b) Cloud Computing means storing data in a database  
   c) Cloud Computing is a tool used to create an application  
   d) None of the mentioned
2. Which of the following is not a type of cloud server?  
   a) Public Cloud Servers  
   b) Private Cloud Servers  
   c) Dedicated Cloud Servers  
   **d) Merged Cloud Servers**
3. Which of the following are the features of cloud computing?  
   a) Security  
   b) Availability  
   c) Large Network Access  
   **d) All of the mentioned**
4. Which of the following is the application of cloud computing?  
   a) Adobe  
   b) Paypal  
   c) Google G Suite  
   **d) All of the above**
5. Which of the following is an example of the cloud?  
   a) Amazon Web Services (AWS)  
   b) Dropbox  
   c) Cisco WebEx  
   **d) All of the above**
6. All cloud computing applications suffer from the inherent \_\_\_\_\_\_\_ that is intrinsic in their WAN connectivity.  
   a) noise  
   b) propagation  
   **c) latency**  
   d) all of the mentioned
7. Cloud computing is a concept that involves pooling physical resources and offering them as which sort of resource?  
   a) cloud  
   b) real  
   **c) virtual**  
   d) none of the mentioned
8. Which of the following is the Cloud Platform provided by Amazon?  
   **a) AWS**  
   b) Cloudera  
   c) Azure  
   d) All of the mentioned
9. Which of the following model consists of the service that you can access on a cloud computing platform?  
   a) Deployment  
   **b) Service**  
   c) Application  
   d) None of the mentioned
10. Which of the following is the most important area of concern in cloud computing?  
    a) Scalability  
    b) Storage  
    **c) Security**  
    d) All of the mentioned
11. Which of the following is the most refined and restrictive cloud service model?  
    **a) PaaS**b) IaaS  
    c) SaaS  
    d) CaaS
12. Which of the following is an example of a SaaS cloud service?  
    a) Google Workspace  
    b) Dropbox  
    c) Salesforce  
    **d) All of the above**
13. In which of the following service models the hardware is virtualized in the cloud?  
    a) NaaS  
    b) PaaS  
    c) CaaS  
    **d) IaaS**
14. The \_\_\_\_\_\_\_\_ cloud infrastructure is operated for the exclusive use of an organization.  
    a) Public  
    **b) Private**  
    c) Community  
    d) All of the mentioned
15. \_\_\_\_\_\_\_\_\_\_ cloud is one where the cloud has been organized to serve a common function or purpose.  
    a) Public  
    b) Private  
    **c) Community**  
    d) All of the mentioned
16. A hybrid cloud combines multiple clouds where those clouds retain their unique identities but are bound together as a unit.  
    a) Public  
    b) Private  
    c) Community  
    **d) Hybrid**
17. Which of the following provides development frameworks and control structures?  
    a) IaaS  
    b) SaaS  
    **c) PaaS**  
    d) All of the mentioned
18. \_\_\_\_\_\_\_ is a complete operating environment with applications, management, and user interface.  
    a) IaaS  
    **b) SaaS**  
    c) PaaS  
    d) All of the mentioned
19. Which of the following is the IaaS service provider?  
    **a) EC2**  
    b) EC1  
    c) EC10  
    d) Hybrid
20. Which of the following is an edge-storage or content-delivery system that caches data in different physical locations?  
    a) Amazon Relational Database Service  
    b) Amazon SimpleDB  
    **c) Amazon Cloudfront**  
    d) Amazon Associates Web Services
21. In which year, Amazon Web Services founded?

A. 2005  
**B. 2006**  
C. 2007  
D. 2008

22. EC2 stands for ?

A. Elastic Compute Cloud  
B. Elastic Configuration Cloud  
C. Elastic Cloud Configuration  
**D. Elastic Cloud Compute**

23. Which of the following simply means to hardware or software load over web servers, that improves the efficiency of the server as well as the application?

A. Amazon Cloud-front  
B. Elastic Load Balancer  
**C. Load Balancing**  
D. Security Management

24.Which of the following dynamically grow and shrink the load-balancing capacity to adjust to traffic demands?

A. Amazon Cloud-front  
B. Elastic Caches  
C. Amazon RDS  
**D. Elastic Load Balancing**

25. Simple Storage Service use for?

**A. It allows the users to store and retrieve various types of data using API calls.**  
B. It does contain computing element.  
C. Both A and B  
D. None of the above

26. [. What are the different types of instances?](https://www.onlineinterviewquestions.com/aws-mcq/" \l "collapseUnfiled8)

1. General purpose
2. Compute Optimized
3. Storage Optimized
4. **All of the above**

**27.** What are the advantages of auto-scaling?

A. Better availability

B.Offers fault tolerance

C.Better cost management

**D.All of the above**

28. The types of AMI provided by AWS are:

A. Instance store backed

B. EBS backed

**C. Both 1 & 2**

D. None of the above

29. What is the basic operational unit of Kubernetes?

**A. Pod**

B. Task

C. Nodes

D. None of the above

30. .............. can be considered as the primary data store of Kubernetes.

A. pod

**B. etcd**

C. node

D. All of the above

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

A. Pod

B. Etcd

**C. Kubelet**

D. All of the Above

32.Replication Controllers and Deployment Controllers are part of which of the followings?

A. Kubeadm

B. API Controller Manager

**C. Master Controller Manager**

D. None of the above

33. Kubernetes is a ............. platform.

A. Portable

B. Extensible

C. Open-source

**D. All of the Above**

34. A node is a ............. in kubernetes.

A. developing tool

**B. worker machine**

C. local machine

D. None of the above

35. ................. can you deploy on Kubernetes.

**A. Containers**

B. Virtual machines

C. System processes

D. None of the above

36. Kubernetes is written in ................. programming language.

**A. Go**

B. Html

C. Php

D. Python

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

**A. Kubectl run**

B. Kubernetes get deployment

C. Kubernetes set deployment

D. None of the above

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

A. Cluster IP service

B. Node Port service

C. Load Balancer service

**D. All of the above**

39. The docker Swarm is a clustering and scheduling tool for the Docker containers. True or False?

**A. True**

B. False

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

A. Minikube

**B. Kubectl**

C. Kubelet

D. None of the above