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

**Answer: a  
Explanation: Cloud computing means providing services like storage, servers, database, networking, etc. over the internet without the user managing it directly. The data stored can be accessed by an authorized user anywhere anytime provided the user must have an internet connection and a device.**

1. **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

**Answer: d  
Explanation: In Public Servers the users share the hardware, storage, and networks. Private Servers provide high security to the data stored through firewalls and internal hosting. Also, in the private cloud, the user can customize their servers with add-ons. In Dedicated Servers, the server completely belongs to a particular organization or a company.**

**4. Which of the following are the features of cloud computing?**a) Security  
b) Availability  
c) Large Network Access  
d) All of the mentioned

**Answer: d  
Explanation: One of the important features is security, the data stored is secured and cannot be accessed by unauthorized parties. In case the user exhausts the storage space allocated, the user can buy extra storage for a less amount. The data stored can be accessed by any authorized user anywhere anytime provided the user must have an internet connection and a device.**

**5. Which of the following is a type of cloud computing service?**

a) Service-as-a-Software (SaaS)  
b) Software-and-a-Server (SaaS)  
c) Software-as-a-Service (SaaS)  
d) Software-as-a-Server (SaaS)

**Answer: c  
Explanation: Software as a Service, is the most widely used choice for enterprises. SaaS makes use of the internet to offer apps to consumers that are controlled by a third-party vendor.**

**6. Which of the following is the application of cloud computing?**

a) Adobe  
b) Paypal  
c) Google G Suite  
d) All of the above

**Answer: d  
Explanation: Adobe Creative Cloud is used in the art sector. Paypal is an online payment application. Google G Suite is the best storage and backup application used by google.**

**7. 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

**Answer: d  
Explanation: Amazon Web Services (AWS), Dropbox, and Cisco WebEx are examples of cloud.**

**8. Applications and services that run on a distributed network using virtualized resources is known as \_\_\_\_\_\_\_\_\_\_\_**

a) Parallel computing  
b) Soft computing  
c) Distributed computing  
d) Cloud computing

**Answer: d  
Explanation: Cloud computing refers to the delivery of services such as storage, servers, databases, networking, and other functions through the internet without the need for the user to manage them directly. These applications are accessed by common Internet protocols and networking standards.**

**9. Which of the following is an example of a PaaS cloud service?**

a) Heroku  
b) AWS Elastic Beanstalk  
c) Windows Azure  
d) All of the above

**Answer: d  
Explanation: PaaS stands for Platform-as-a-Service. In PaaS, the users receive hardware or software tools from the users on the internet. AWS Elastic Beanstalk, Windows Azure, Heroku are example of a PaaS service.**

**10. Which of the following is an example of an IaaS Cloud service?**

a) DigitalOcean  
b) Linode  
c) Rackspace  
d) All of the above

**Answer: d  
Explanation: IaaS stands for Infrastructure-as-a-Service. In IaaS, the users receive computing resources like software or hardware tools virtually over the internet. DigitalOcean, Linode, Rackspace are the example of an IaaS service.**

**11. Which of the following is the correct statement about cloud computing?**

a) Cloud computing abstracts systems by pooling and sharing resources  
b) Cloud computing is nothing more than the Internet  
c) The use of the word “cloud” makes reference to the two essential concepts  
d) All of the mentioned

**Answer: a  
Explanation: Abstraction and Virtualization are the two essential concepts.**

**12. Which of the following is the correct statement?**

a) Cloud computing presents new opportunities to users and developers  
b) Service Level Agreements (SLAs) is small aspect of cloud computing  
c) Cloud computing does not have impact on software licensing  
d) All of the mentioned

**Answer: a  
Explanation: Because it is based on the paradigm of a shared multi-tenant utility.**

**13. Which of the following is the Cloud Platform provided by Amazon?**

a) AWS  
b) Cloudera  
c) Azure  
d) All of the mentioned

**Answer: a  
Explanation: Amazon Web Services (AWS), an Infrastructure as a Service (IaaS) offering that allows users to rent virtual machines on Amazon’s own infrastructure, is one of the most successful cloud-based enterprises.**

**14. Which AWS service can be used to distribute content globally and improve website performance?**

a) Amazon CloudFront

b) AWS Glacier

c) AWS Snowball

d) Amazon Route 53

**Correct answer:** a) Amazon CloudFront

**15. What does the acronym "IAM" stand for in AWS?**

a) Internet Access Management

b) Identity and Access Management

c) Infrastructure Authentication Model

d) Intelligent Authorization Mechanism

**Correct answer:** b) Identity and Access Management

**16. What AWS service is used to create and manage virtual private networks (VPNs) in the cloud?**

a) Amazon VPC

b) Amazon EC2

c) AWS Direct Connect

d) Amazon Route 53

**Correct answer:**a) Amazon VPC

**17. What is the primary purpose of AWS CloudTrail?**

a) Monitoring CPU utilization of EC2 instances

b) Analyzing network traffic patterns

c) Auditing and tracking API activity

d) Managing database backups

**Correct answer:** c) Auditing and tracking API activity

**18. What is the purpose of AWS Lambda?**

a) Managing databases in the cloud

b) Storing and retrieving large amounts of data

c) Scaling EC2 instances automatically

d) Running code without provisioning or managing servers

**Correct answer:**d) Running code without provisioning or managing servers.

**19. Which AWS service can be used to host a static website?**

a) Amazon S3

b) Amazon EC2

c) AWS Lambda

d) Amazon RDS

**Correct answer:** a) Amazon S3

**20. What is the purpose of AWS Cloud Formation?**

a) Managing and deploying virtual servers

b) Storing and analyzing large datasets

c) Configuring network security groups

d) Automating the deployment of infrastructure as code

**Correct answer:** d) Automating the deployment of infrastructure as code