1) What type of computing technology refers to services and applications that typically run on a distributed network through virtualized resources?

1. Distributed Computing
2. Cloud Computing
3. Soft Computing
4. Parallel Computing

Cloud Computing

2) Cloud computing is a kind of abstraction which is based on the notion of combining physical resources and represents them as \_\_\_\_\_\_\_resources to users.

1. Real
2. Cloud
3. Virtual
4. none of the mentioned

Virtual

3) Which one of the following cloud concepts is related to sharing and pooling the resources?

1. Polymorphism
2. Virtualization
3. Abstraction
4. None of the mentioned

Virtualization

4) Which of the following is an essential concept related to Cloud?

1. Reliability
2. Abstraction
3. Productivity
4. All of the mentioned

Abstraction

5) Which one of the following is Cloud Platform by Amazon?

1. Azure
2. AWS
3. Cloudera
4. All of the mentioned

AWS

6) Which one of the following is related to the services provided by Cloud?

1. Sourcing
2. Ownership
3. Reliability
4. PaaS

Sourcing

7) Which one of the following refers to the user's part of the Cloud Computing system?

1. back End
2. Management
3. Infrastructure
4. Front End

Front End

8) Which one of the following can be considered as the example of the Front-end?

1. Web Browser
2. Google Compute Engine
3. Cisco Metapod
4. Amazon Web Services

Web Browser

9) By whom is the backend commonly used?

1. Client
2. User
3. Stockholders
4. service provider

Service Provider

10) Through which, the backend and front-end are connected with each other?

1. Browser
2. Database
3. Network
4. Both A and B

Network

11) Windows Azure is an example of which of the following?

1. IaaS
2. PaaS
3. SaaS
4. Both A and B

PaaS

12) Which of the following is one of the backend's built-in components of cloud computing?

1. Security
2. Application
3. Storage
4. Service

Security

13) Which one of the following technology works behind the cloud computing platform?

1. Virtualization
2. SOA
3. Grid Computing
4. All of the above

All of the above

14) Which one of the following is a kind of technique that allows sharing the single physical instance of an application or the resources among multiple organizations/customers?

1. Virtualization
2. Service-Oriented Architecture
3. Grid Computing
4. Utility Computing

Virtualization

15) In Virtualization, which architecture provides the virtual isolation between the several tenants?

1. IT Architecture
2. Multitenant
3. Deployment
4. Business Architecture

Multitenant

16) On which one of the following cloud computing is based?

1. Grid Computing Model
2. SOA Model
3. virtual isolation Model
4. Pay-per-Use model

Pay-per-Use model

17) Which one of the following statement is true about the Service-Oriented Architecture?

1. It is possible to exchange data between applications from different vendors without using additional programming.
2. It provides computational resources on-demand as a metered service.
3. Service-Oriented Architecture allows using the application as a service for other applications.
4. Both A and C

Both A & C

18) Which one of the following given programs provides the isolation (abstraction) and partitioning?

1. System hypervisor
2. Software hypervisor
3. Hardware hypervisor
4. Virtualization hypervisor

Virtualization hypervisor

19) Which of the following is the correct full form of SaaS?

1. Storage-as-a-Service
2. Server-as-a-Software
3. Software-as-a-Service
4. None of the above

Software as a Service

20) Through which one of the following models, SaaS supports multiple users and offers a shared data model?

1. single-tenancy
2. multiple-instance
3. multi-tenancy
4. None of the above

Multitenancy

21) Which of the following is the SaaS's Characteristics?

1. Usually, the license is subscription-based or usage-based and is billed on a recurring basis.
2. The software and the service are observed and maintained usually by the vendor.
3. Software mostly available over the internet across the world and can be provided according to the demand through the browser.
4. All of the above

All of the above

22) Which one of the following can be considered as the most complete cloud computing service model?

1. PaaS
2. IaaS
3. CaaS
4. SaaS

SaaS

23) Which one of the following is associated heavily with vendor lock-in?

1. DaaS
2. SaaS
3. IaaS
4. PaaS

PaaS

24) Which one of the following can be considered as the benefit of PaaS?

1. Lower administrative overhead
2. Lower total cost of ownership
3. More current system software
4. All of the above

All of the above

25) Which one of the following statements is correct about the PaaS?

1. The platform as a service (or PaaS) systems usually support standards like JavaScript, HTML, and several other rich media technologies.
2. Platform as a service provides the runtime environment for the applications.
3. The platform as a service is a completely integrated development environment.
4. All of the above

All of the above

26) The terms "Iaas" stand for?

1. IT-as-a-Service
2. Infrastructure-as-a-Service
3. Internet-as-a-Service
4. Interoperability-as-a-Service

Infrastructure-as-a-Service

27) The resources like IP addresses and VLANs are provided to the end-users by which of the following?

1. Server virtualization.
2. Client virtualization.
3. End-user virtualization.
4. IaaS

Server Virtualization

28) The Infrastructure as a service (IaaS) provides a type of isolated environment to each customer individually by using\_\_\_\_\_.

1. renting
2. virtual machine sprawl
3. security vulnerabilities
4. hypervisor

hypervisor

29) IaaS usually shares issues with the \_\_\_\_\_\_.

1. PaaS
2. SaaS
3. Both A and B
4. None of the above

Both A & B

30) Which of the following is an advantage of IaaS (Infrastructure as service)?

1. Efficient and flexible renting of computer hardware.
2. Portability, interoperability with legacy applications.
3. Complete control of the computing resources through administrative access to VMs.
4. All of the above

All of the above

31) The term "IDaaS" stands for?

1. ID-as-a-Service
2. Interoperability-as-a-Service
3. Intranet-as-a-service
4. Identity-as-a-Service

Identity-as-a-Service

32) Which of the following can be referred to the location and management of the cloud's infrastructure?

1. Service
2. Deployment
3. Application
4. None of the mentioned

Deployment

33) \_\_\_\_\_\_\_\_\_ model consists of the particular types of services that you can access on a cloud computing platform.

1. Service
2. Deployment
3. Application
4. None of the mentioned

Service

34) Which of the following is the deployment model?

1. Public
2. Private
3. Hybrid
4. All of the mentioned

All of the above

35) Which one of the following dimensions is related to the organization's boundaries?

1. The physical location of data
2. Ownership
3. Security boundary
4. All of the mentioned

The physical location of data

36) Which one of the following options is correct cloud infrastructure operated for the exclusive use of an organization?

1. Public
2. Private
3. Community
4. All of the mentioned

Private

37) Which one of the following is a type of the Cloud that is organized in such a way to serve the common purpose or the functions?

1. Public
2. Private
3. Community
4. All of the mentioned

Community

38) Which one of the following provides the resources or services such as the virtual infrastructure, virtual machines, virtual storage, and several other hardware assets?

1. IaaS
2. SaaS
3. PaaS
4. All of the mentioned

IaaS

39) Which one of the following offers the control structures and development frameworks?

1. IaaS
2. SaaS
3. PaaS
4. All of the mentioned

IaaS

40) Find out which one can be considered the complete operating environment with applications, management?

1. IaaS
2. SaaS
3. PaaS
4. All of the mentioned

SaaS

41) Which of the following architectural standards is working with the cloud computing industry?

1. Service-oriented architecture
2. Standardized Web services
3. Web-application frameworks
4. All of the mentioned

Service Oriented Architecture

42) Which one of the following is the most important subject of concern in cloud computing?

1. Security
2. Storage
3. Scalability
4. All of the mentioned

Security

43) \_\_\_\_\_\_\_ enables batch processing, which greatly speeds up high-processing applications.

1. Scalability
2. Reliability
3. Elasticity
4. Utility

Scalability

44) \_\_\_\_\_\_\_ feature allows you to optimize your system and capture all possible transactions.

1. Scalability
2. Reliability
3. Elasticity
4. none of the mentioned

Elasticity

45) \_\_\_\_\_\_\_ is a pay-as-you-go model matches resources to need on an ongoing basis.

1. Utility
2. Elasticity
3. Low barrier to entry
4. All of the mentioned

Utility

46) Service that generally focuses on the hardware follows which one of the following service models?

1. IaaS
2. CaaS
3. PaaS
4. All of the mentioned

IaaS

47) 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 above

a

**48) Which of the following is not a type of cloud?**  
A : Private  
B : Public  
C : Protected  
D : Hybrid

C

**49) XML standard is used for**  
A : Web development  
B : Send structured data over network  
C : Messaging  
D : Run Server

B

50) Cloud Computing is a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 reliable system

 stateless system

 stateful system

 None of the above

Stateless system