

Shivaji University , Kolhapur

Question Bank For Mar 2022 (Summer) Examination

Subject Code: 83857

Subject Name : Cloud Computing

Multiple Choice Questions:

1) Which computing architecture allows the user to use computers from multiple administrative domains to reach a common goal is called as

- A) Cluster Computing
- B) Neural Networks
- C) Parallel Processing
- D) Grid Computing

2) _____ describes a distribution model in which applications are hosted by a service provider and made available to users.

- A) IAAS – Infrastructure-as-a-Service
- B) PaaS – Platform-as-a-Service
- C) SaaS – Software-as-a-Service
- D) All the answers are true

3) Cloud computing is a system _____ and it is unidirectional.

- A) stateless
- B) stateful
- C) fiable
- D) None of the above

4) How many service models are primarily present in the Cloud?

- A) 1
- B) 2
- C) 3
- D) 4

5) What is the IaaS service provider?

- A) EC2
- B) EC1
- C) EC10
- D) hybride

6) ____ is a system of networked machine aggregation hardware where information is stored on multiple virtual servers, rather than being hosted on a single hard server.

- A) Cloud
- B) Cloud storage
- C) Cloud Service
- D) None of the above

7) ____ allows you to leverage the seemingly infinite compute resources of cloud infrastructure.

- A) IaaS
- B) SaaS

- C) CaaS
- D) PaaS

8) Which VMs does not simulate the underlying hardware.

- A) Hardware-Assisted Virtualization
- B) Full Virtualization**
- C) Para Virtualization
- D) Network Virtualization

9) Which of the following is a type of cloud computing service?

- A) Software-as-a-Service (SaaS)**
- B) Software-and-a-Server (SaaS)
- C) Service-as-a-Software (SaaS)
- D) Software-as-a-Server (SaaS)

10) Which service is a cloud computing infrastructure that creates a development environment upon which application may be build.

- A) Infrastructure
- B) Platform**
- C) Service
- D) All of above

11) The example of IaaS service model.

- A) Cloudera
- B) Azure
- C) AWS
- D) All of above**

12) Google Apps is a suite of cloud computing ____ applications that includes e-mail (Gmail), Organizer (Google Calendar), Word Processing documents (Google Docs), and others.

- A) IaaS
- B) PaaS
- C) SaaS**
- D) None of the Above

13) Which of the following is among the primary uses of cloud computing?

- A) security
- B) data storage**
- C) data privacy
- D) operational cost

14) Which of these is not a major type of cloud computing usage?

- A) Platform as a Service
- B) Software as a Service
- C) Internet as a Service**
- D) Infrastructure as a Service

15) 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

- 16) Which of the following is the most sophisticated and restrictive service model?
A) SaaS
B) PaaS
C) IaaS
D) None of the above
- 17) _____ is a complete operating environment with a user interface and applications.
A) IaaS
B) SaaS
C) PaaS
D) All the answers are true
- 18) Which of the following service providers offers less security?
A) SaaS
B) PaaS
C) IaaS
D) None of the above
- 19) _____ provides virtual machines, virtual storage, virtual infrastructure and other hardware assets.
A) IaaS
B) SaaS
C) PaaS
D) All the answers are true
- 20) Which of the following provides development frameworks and control structures?
A) IaaS
B) SaaS
C) PaaS
D) All the answers are true
- 21) Cloud computing is a natural evolution of the extensive adoption of ____, service-oriented architecture, autonomic and utility computing.
A) virtualization
B) utility
C) non-virtualized
D) distributed
- 22) Which of the following has three delivery models: Infrastructure as a Service, Platform as a Service, and Software as a Service,
A) cloud provider
B) cloud service
C) cloud enabler
D) None of the Above
- 23) In a ____ cloud computing environment the organization itself provides and manages some resources locally, and the remaining other resources provided externally.
A) public
B) hybrid

- C) private
- D) All of the Above

24) ____ cloud supports the utmost scalability and effectiveness for a business.

- A) public
- B) hybrid**
- C) private
- D) All of the Above

25) Private cloud computing cost productivity depends on ____

- A) Economies of scale
- B) Higher workload density
- C) Dynamic management
- D) All the above**

26) Which of the following is the Cloud Platform provided by Amazon?

- A) Azure
- B) Cloudera
- C) AWS**
- D) All of the mentioned

27) Which of the following is the deployment model?

- A) public
- B) private
- C) hybrid
- D) all of the mentioned**

28) Which of the following types of virtualization is also a feature of cloud computing?

- A) Storage
- B) Application
- C) CPU
- D) All the answers are true**

29) ____ group focuses on standards and standards-based architecture for sharing information between clouds.

- A) Working Group on Information Sharing
- B) Security
- C) Clouds
- D) All above

30) ____ and ____ become major issues when cloud vendors have different platforms.

- A) Performance and efficiency
- B) Backup and recovery
- C) Portability and integration**
- D) Integration and backup

31) Cloud storage service allows storing remotely made available locally.

- A) True**
- B) False

32) Cloud storage service allows storing remotely made available locally.

- A) True
- B) False

33) In ____ concept the data are separated from the actual desktop and stored on a server in a data centre.

- A) Backup
- B) Virtualisation
- C) Media
- D) None of above

34) Find risk of cloud computing?

- A) No troubleshooting issues
- B) Full control over the data
- C) Storing data without control
- D) No government intrusion

35) Which is security aspects consider in cloud services?

- A) Zero infrastructure investment, just-in-time infrastructure
- B) Access control, identity management, authentication and authorization
- C) Quick and easy setup, smooth organization system, single management environment
- D) Calculable cloud architecture, provide manageable workload dynamics

36) Find out disadvantage of cloud?

- A) No worries about running out of storage
- B) Easier to maintain a cloud network
- C) immediate access to computing resources
- D) Paying only for what you use

37) What is the name of the organization helping to foster security standards for cloud computing?

- A) Cloud Security Standards Working.
- B) Cloud Security Alliance.
- C) Cloud Security WatchDog.
- D) Security in the Cloud Alliance.

38) As consider typically the Internet, which is a software distribution model in which applications are hosted by a vendor or service provider and made available to customers over a network.

- A) Platform as a Service (PaaS)
- B) Infrastructure as a Service (IaaS)
- C) Software as a Service (SaaS).
- D) None of above

39) What is private cloud?

- A) A standard cloud service offered via the Internet
- B) A cloud architecture maintained within an enterprise data center.
- C) A cloud service inaccessible to anyone but the cultural elite
- D) None of above

40) The term 'Cloud' in cloud-computing refers to _____.

- A) The Internet
- B) Cumulus Clouds
- C) A Computer
- D) Thin Clients

Unit 01:

- 1) Differentiate between Grid computing, cluster computing and cloud computing.
- 2) Explain characteristics of cloud computing.
- 3) Describe Pros and Cons of cloud computing.
- 4) Explain benefits of cloud computing.
- 5) Explain Evaluation of cloud computing.
- 6) Explain recent trends in computing.
- 7) Differentiate between cloud computing and grid computing.
- 8) Differentiate between cloud computing and cluster computing.
- 9) Write a short note on cloud computing.
- 10) What are advantages to adopting cloud computing.

Unit 02:

- 1) Explain traditional computing architecture(Client/server).
- 2) Describe role of networks in cloud computing.
- 3) Explain Infrastructure as a Services (IaaS).
- 4) Explain Platform as a Services (PaaS).
- 5) Explain Software as a Services (SaaS).
- 6) What are deployment models in cloud?
- 7) Describe how cloud computing works.
- 8) Explain role of web services.
- 9) Describe difference between cloud computing and client/server architecture.
- 10) Differentiate between private and public cloud.

Unit 03:

- 1) Explain benefits of virtualization.
- 2) Describe implementation levels of virtualization.
- 3) Explain open source virtualization technology.
- 4) Explain Xen virtualization architecture.
- 5) Describe Paravirtualization.
- 6) Explain virtualization structure.
- 7) Write short note on virtualization mechanism.
- 8) Explain virtualization at the OS level.
- 9) Explain virtualization of memory and I/O devices level.
- 10) Explain binary translation with full virtualization.

Unit 04:

- 1) Explain virtualization resources.
- 2) Short note on EC2 compute unit.
- 3) Explain Service Oriented Architecture (SOA).
- 4) Explain case study on SaaS.
- 5) Explain Hypervisors.
- 6) Describe different approach to virtualization.
- 7) What is virtual machine and machine image?
- 8) Explain Storage as a service.
- 9) Explain features of PaaS.
- 10) Explain benefits of SaaS.

Unit 05:

- 1) Explain Service level Agreements (SLAs).
- 2) Explain database and data stores in cloud computing.
- 3) Explain different levels present in cloud security.
- 4) Explain data privacy and security issues.
- 5) Explain cloud contract model.
- 6) Explain how data authentication done in cloud computing.
- 7) How data managing in cloud computing.
- 8) Explain Network level cloud security.
- 9) Describe Host level cloud security.

~~10)~~ How cloud manage large scale data processing.

Unit 06:

- 1) Explain case study Amazon EC2.
- 2) Explain case study Google computing engine.
- 3) Explain case study Microsoft azure.
- ~~4)~~ Explain case study OpenStack.
- 5) Explain case study Cloud foundry.
- 6) Describe benefits for develop application under Amazon EC2 platform.
- 7) Describe features of Google computing engine.
- ~~8)~~ What are the advantages of Microsoft azure platform.
- 9) What are the features of OpenStack.
- 10) What are the advantages of cloud foundry.