

Practice Questions for TYBSc(Computer Science) –Sem 6

Subject : Cloud Computing

1. _____ is a paradigm of distributed computing to provide the customers on-demand, utility based computing service.
 - a) Remote Sensing
 - b) Remote Invocation
 - c) Cloud Computing
 - d) Private Computing

2. These cloud services are of the form of utility computing i.e. the _____ uses these services pay-as-you-go model.
 - a) Cloud providers
 - b) Clients
 - c) End users
 - d) Cloud users

3. Which of the following is not a type of cloud?
 - a) Private
 - b) Public
 - c) Protected
 - d) Hybrid

4. Most of the cloud architectures are built on this type of architecture.
 - a) skeleton
 - b) grid
 - c) linear
 - d) template

5. SaaS stands for?
 - a) Software as a service
 - b) System Software and services
 - c) Software as a system
 - d) System as a service

6. Hadoop is an example of _____
 - a) SaaS
 - b) PaaS
 - c) IaaS
 - d) XaaS

7. Grid and cloud platforms are regarded as

- a) Parallelized services
- b) Innovative services
- c) Utility services
- d) Software services

8. Utility computing focuses on a

- a) Business model
- b) Scalable model
- c) Cloud model
- d) Data model

9. A _____ is a collection of independent computers that appears to its users as a single coherent system.

- a) distributed system
- b) parallel system
- c) operating system
- d) standalone system

10. A paradigm of multiple autonomous computers, having a private memory, communicating through a computer network is known as

- a) distributed system
- b) cloud computing
- c) centralized computing
- d) parallel computing

11. Which of these is not an example of Web2.0 application

- a) GoogleMaps
- b) Flickr
- c) de.li.cious
- d) vCloud

12. Which of the following cloud concepts is related to pooling and sharing of resources?

- a) polymorphism
- b) abstraction
- c) virtualization
- d) inheritance

13. Which of the following is Cloud platform by Amazon?

- a) Azure
- b) Hyper-V
- c) AWS
- d) Xen

14. How many types of service models are mainly present in Cloud?

- a) 1
- b) 2
- c) 3
- d) 4

15. Which of the following is a virtual machine technology now owned by Oracle that can run various OS?

- a) Vmachines
- b) VirtualBox
- c) VGM
- d) Xen

16. REST is an acronym for _____

- a) Representational State transfer
- b) Representational Simple transfer
- c) Restricted Environmental Simulation Technique
- d) Representational Simulation Technique

17. Communication between services is done widely using _____

- a) REST
- b) SOAP
- c) RESTful
- d) WSDL

18. In virtualization, where an array of servers that are managed by a virtual storage system is _____

- a) Application virtualization
- b) Network virtualization
- c) Desktop virtualization
- d) Storage virtualization

19. When you add a software stack, such as an operating system and applications to the service, the model shifts to _____ model

- a) PaaS
- b) IaaS
- c) SaaS
- d) XaaS

20. Which of the following is type 1 hypervisor?

- a) Wind River simics
- b) Virtual Server 2005 R2
- c) KVM
- d) LynxSecure

21. Which of the following is Type 2 hypervisor?

- a) Virtual Logix VLX
- b) VMware ESX
- c) Xen
- d) LynxSecure

22. Which of the following type of virtualization is found in hypervisor such as Microsoft Hyper-V?

- a) paravirtualization
- b) full virtualization
- c) emulation
- d) partial virtualization

23. Which of the following should be placed in between System hardware and hypervisor?

- a) Host OS
- b) Software
- c) VM
- d) Guest OS

24. oVirt is a free, open-source virtualization management platform developed by

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- a) Microsoft
 - b) Red Hat
 - c) Amazon
 - d) Apple

25. Which of the following is a service that aggregates servers into an assignable pool?

- a) VMware vStorage
- b) VMware vNetwork
- c) VMware vCompute
- d) Application services

26. A _____ image makes a copy or a clone of the entire computer system inside a single container such as a file.

- a) system
- b) software
- c) hardware
- d) disk

27. Which of the following visualization is most commonly achieved through a mapping mechanism where a logical storage address is translated into a physical storage address?

- a) Storage
- b) Network
- c) Software
- d) Desktop

28. _____ is used by Amazon Web Services to store copies of a virtual machine.

- a) AMI
- b) EMI
- c) IMI
- d) Application services

29. Which of the following runs on Xen Hypervisor?

- a) Azure
- b) AWS EC2
- c) AWS EC3
- d) KVM

30. What is the name of the software that lets you run multiple operating systems on one physical server?

- a) Processor
- b) Hypervisor
- c) Virtual machine
- d) Guest OS

31. Which of the following type of virtualization is also characteristic of cloud computing?

- a) Storage
- b) Application
- c) CPU
- d) All of the mentioned

32. Both Java and the CLI are _____ virtual machines:

- a) Process
- b) register
- c) stack
- d) memory

33. VMware's technology is based on the concept of _____ virtualization,

- a) para
- b) hardware assisted
- c) partial
- d) full

34. Which of the following is one of the major categories of Amazon Machine instances that you can create on the Amazon Web Service?

- a) WAMP
- b) XAMPP
- c) LAMP
- d) CAMP

35. _____ provides the networking capability for OpenStack

- a) Neutron
- b) Keystone
- c) Ceilometer
- d) Heat

36. _____ component provides billing services and other telemetry services to cloud users.

- a) Nova
- b) Ceilometer
- c) Cinder
- d) Heat

37. _____ acts as a image service provider where images are the virtual copies of hard disks

- a) Swift
- b) Keystone
- c) Glance
- d) Cinder

38. Openstack represents which kind of cloud service model

- a) IaaS
- b) PaaS
- c) SaaS
- d) XaaS

39. Select the OpenStack service that provides both scalable and reliable cloud database as a service functional to both relational and non-relational database engine

- a) Nova
- b) Keystone
- c) Ceilometer
- d) Trove

40. Select the service that provides an authentication and authorization service for other OpenStack services.

- a) Nova
- b) Keystone
- c) Ceilometer
- d) Trove

41. _____ is a series of extensible scripts used to quickly bring up a complete OpenStack environment based on the latest versions of everything from git master

- a) DevStack
- b) OpenStack
- c) Stack
- d) KVM

42. Which of the following statements are true about OpenStack services?
- a) Services are specific to domains.
 - b) Every service requires a Keystone account in order to use identity management.
 - c) When querying the service catalog, a user sees only those services to which access has been granted.
 - d) Services can be hidden and not be included in the service catalog.
43. Which component serves as a dashboard for users to manage OpenStack compute, storage and networking services?
- a) Designate
 - b) Horizon
 - c) Glance
 - d) Searchlight
44. OpenStack provides
- a) Software-as-a-service
 - b) Platform-as-a-service
 - c) Infrastructure-as-a-service
 - d) All of these
45. Which component of OpenStack Stores and retrieves arbitrary unstructured data objects via a RESTful, HTTP based API?
- a) Neutron
 - b) Glance
 - c) Swift
 - d) Keystone
46. OpenStack Cloud Operating system supports _____ types of storage
- a) 1
 - b) 2
 - c) 3
 - d) 4
47. OpenStack Cloud Operating system supports persistent and _____ storage
- a) non-persistent
 - b) volatile
 - c) ephemeral
 - d) non-volatile
48. Identity Service in OpenStack is called _____
- a) Ceilometer
 - b) Glance
 - c) Neutron
 - d) Glance

49. There are _____ Networking Managers in OpenStack Cloud are

- a) 3
- b) 4
- c) 5
- d) 6

50. Which among the following is not a Networking hardware used in OpenStack

- a) Networks
- b) Subnets
- c) Routers
- d) Bridges