

T.Y.B.Sc. C.S. Sem VI  
Cloud Computing  
SAMPLE QUESTIONS

1. ----- is an over sized pool of simply usable and accessible virtualized resources.
  - a) Virtualization
  - b) Computing
  - c) Openstack
  - d) Cloud
2. ----- only hosts completed cloud application.
  - a) IAAS
  - b) PAAS
  - c) SAAS
  - d) DAAS
3. In ----- network each node connects to exactly two other nodes, forming a single continuous pathway for signals through each node.
  - a) Mesh
  - b) Multi-access bus
  - c) Ring
  - d) Tree structure
4. ----- method used by server to acquire request message.
  - a) doOperation
  - b) getRequest
  - c) sendReply
  - d) PutRequest
5. Internet service providers work like service provider, who create virtual networks by aggregating resources from multiple ----- and offer end-to-end network services.
  - a) Infrastructure provider
  - b) Platform provider
  - c) Network provider
  - d) Service provider
6. In cloud computing, low ----- does not meet the desired computing performance.
  - a) Frequency

- b) Bandwidth
  - c) Latency
  - d) Throughput
7. Ceilometer component allow the cloud to provide ----- services to the individual users of the cloud.
- a) Images
  - b) Access
  - c) Billing
  - d) Dashboard
8. Swift proxy service is access by clients via the ----- on the management network.
- a) Tenant
  - b) VolumeDriver
  - c) Load balancer
  - d) NIC
9. ----- diagram attempt to track how the model behaves or act in real world environments.
- a) Taxonomy
  - b) Structure
  - c) Behavior
  - d) Schema
10. ----- virtualization is a technology that allows multi-client environments to be controlled and managed from central point.
- a) Server
  - b) Desktop
  - c) Application
  - d) Storage
11. ----- virtualization is based on isolation and partitioning of hardware resources.
- a) Node
  - b) Block
  - c) Link
  - d) File
12. oVirt Nodes are servers using Linux x86\_64 with the installed ----- daemon and VDSM sevices.
- a) Virt-manager
  - b) leabvirt
  - c) Qemo
  - d) Libvirt
13. Keystone provides multiple means of -----.
- a) Storage

- b) Images
  - c) Access
  - d) Network
14. The ----- side would be a tool that can manage any OpenStack-compliant platform.
- a) Physical
  - b) Managed
  - c) Application
  - d) Manager
15. The code name for compute API is -----.
- a) Swift
  - b) Horizon
  - c) Nova
  - d) Glance
16. ----- are used to allocate IP addresses when new ports are created on the network.
- a) Switches
  - b) Subnets
  - c) Routers
  - d) Hubs
17. -----, parameters and resources are three basic sections of Heat Template.
- a) Scheduler
  - b) Snapshot
  - c) Version
  - d) Backup
18. ----- keeps the resource accessible for the user.
- a) Confidentiality
  - b) Reliability
  - c) Integrity
  - d) Availability
19. In ----- type of computer, processor receive a single stream of instruction from the control unit and operate on single stream of data from the memory unit.
- a) SISD
  - b) SIMD
  - c) MISD
  - d) MIMD
20. In case of ----- cloud provider would install , maintain, upgrade applications and will ensure uptime, response time and security aspect of application software.
- a) IaaS

- b) PaaS
  - c) SaaS
  - d) DaaS
21. The concept of ----- applies in different ways according to the specific type of virtualization considered.
- a) Portability
  - b) Sharing
  - c) Isolation
  - d) Emulation
22. ----- virtualization involves encapsulating the application within a virtual container, including private registry, and file system locations for application access.
- a) Server
  - b) Desktop
  - c) Application
  - d) Storage
23. ----- support heterogeneous higher level protocol.
- a) Layer 1 VPN
  - b) Layer 2 VPN
  - c) VLAN
  - d) Layer 3 VPN
24. In cloud computing, low ----- does not meet the desired computing performance.
- a) Frequency
  - b) Bandwidth
  - c) Latency
  - d) Throughput
25. ----- is primary computing engine behind the OpenStack.
- a) Swift
  - b) Nova
  - c) Cinder
  - d) Glance
26. OpenStack allows to create and manage images that represent backups of disk drives , this portion of OpenStack is called as -----.
- a) Nova
  - b) Horizon
  - c) Glance
  - d) Neutron
27. ----- networks are fully isolated and are not shared with other projects.
- a) Private
  - b) Customer

- c) Tenant
  - d) Management
28. ----- are persistent R/W block storage device most commonly attached to be compute node through iSCSI.
- a) Snapshots
  - b) Volume
  - c) Backup
  - d) Scheduler
29. ----- is a diverse collection of information technologies designed to support different services that are delivered to an individual based on their requirements.
- a) Virtualization
  - b) Computing
  - c) Openstack
  - d) Cloud
30. Virtual hardware is utilized to provide compute on demand in the form of ----- instances.
- a) Network
  - b) Storage
  - c) Operating system
  - d) Virtual machine
31. ----- are liable to pay for what they want to use.
- a) Providers
  - b) Stakeholders
  - c) Users
  - d) Managers
32. ----- is an application that collection of protocols to co-ordinate the actions of multiple processes on communication network, such that all components cooperate together to perform a single or small set of related task.
- a) Distributed system
  - b) Virtualize system
  - c) Computing system
  - d) Networking system
33. Core network in distributed system is treated as -----.
- a) Partially connected
  - b) Total connected
  - c) Half connected
  - d) Fully connected
34. The term ----- to refers to use client server architecture in which server performs all the processing.
- a) Fat client
  - b) Server client

- c) Thin client
  - d) Web client
35. In ----- strategy, publisher simply make available the message for the specific event, and it is responsibility of subscriber to check whether there are message on events that are registered.
- a) Pull
  - b) Request
  - c) Push
  - d) Reply
36. Google APP,SalesForce.com are the example of ----- category.
- a) IaaS
  - b) PaaS
  - c) SaaS
  - d) DaaS
37. ----- provide benefits as multiple virtual servers on one physical hardware.
- a) Cloud computing
  - b) SOA
  - c) Virtualization
  - d) Openstack
38. Structure diagram show the ----- structure of model that is being designed.
- a) Dynamic
  - b) Logical
  - c) Static
  - d) Physical
39. Internet service providers work like ----- who manage physical infrastructure.
- a) Infrastructure provider
  - b) Platform provider
  - c) Network provider
  - d) Service provider
40. In ----- VPN approach, devices create, manage and tear up the tunnel without knowledge of SP network.
- a) CE-based
  - b) VE-based
  - c) PE-based
  - d) NE-based
41. With -----, multiple virtual machines can run under the unmodified Linux or Windows images.
- a) Cloud computing
  - b) Openstack
  - c) KVM

- d) Hypervisor
42. A ----- may consist of storage space in different storage sub-systems, with different characteristics and can be expanded with any available storage.
- a) LUN
  - b) Virtual volume
  - c) RAID
  - d) SAN
43. ----- helps to ensure that each of the components of OpenStack deployment can communicate with one another quickly and efficiently.
- a) Nova
  - b) Heat
  - c) Neutron
  - d) Glance
44. In OpenStack if you're working on ----- computer, you probably will want to grab some space on hosted server.
- a) Dual core
  - b) Quad core
  - c) Single core
  - d) Hosted core
45. OpenStack networking API includes support for ----- networking and IP Address Management.
- a) VPN
  - b) Layer 2
  - c) VLAN
  - d) Layer 3
46. The ----- provides the ability to connect to instances directly from an external network using floating IP address.
- a) Switches
  - b) Subnets
  - c) Routers
  - d) Hubs
47. OpenStack ----- allows you to create and manage objects, such as networks, subnets and ports.
- a) CLI
  - b) Addressing
  - c) API
  - d) Networking
48. Each service provider offers his service to guarantee -----, which is negotiated with the user of that service.
- a) Service oriented agreement
  - b) Utility level agreement
  - c) Utility oriented agreement
  - d) Service level agreement

49. The ----- enables computers to coordinate their activities and to share the resources of the system.
- a) Cloud pool
  - b) Hypervisor
  - c) Middleware
  - d) Interface
50. The service is accessible via a web browser or web services like -----.
- a) Application programming interface
  - b) Mobile
  - c) REST
  - d) Interfaces
51. A ----- cloud is an IT infrastructure that is owned or leased by a single organization of which IT manager of an organization are fully in control and is well protected behind the firewall.
- a) Private
  - b) Public
  - c) Hybrid
  - d) Community
52. Infrastructure as a service solution deliver infrastructure on demand in the form of virtual hardware, ----- and networking.
- a) Environments
  - b) Applications
  - c) Storage
  - d) Deployments
53. A ----- cloud is an IT infrastructure that is owned or leased by a single organization of which IT manager of an organization are fully in control and is well protected behind the firewall.
- a) Private
  - b) Public
  - c) Hybrid
  - d) Community
54. The ----- model contains a set of concurrent processes and communication channels between them.
- a) Physical
  - b) Logical
  - c) Application
  - d) Virtual
55. In WSDL, ----- are generally expressed in XML.
- a) Operations
  - b) Definitions
  - c) Service connection
  - d) Processors



56. ----- cloud are integration of services of different clouds to achieve the specific needs of an industry, community or a business sector.
- a) Hybrid
  - b) Private
  - c) Community
  - d) Pubic
57. The Highly confidential data of business processes get insecure while using ----- cloud service.
- a) Hybrid
  - b) Private
  - c) Community
  - d) Pubic
58. ----- offers standardized way of visualizing objects and provides notification to describe the different visualization technologies and the relationships.
- a) HTML
  - b) XML
  - c) UML
  - d) HTTP
59. Server, application, -----, storage and network are five main domains of virtualization.
- a) Data link
  - b) Session
  - c) Desktop
  - d) Transport
60. ----- virtualization provides opportunities to optimize storage use and server consolidation and to perform non-disruptive file migration.
- a) Host
  - b) Block
  - c) Full
  - d) File
61. KVM required modified ----- although work is underway to get the require changes upstream.
- a) Engine
  - b) QEMO
  - c) Kernel
  - d) Services
62. ----- is significant shortcomings of cloud technology.
- a) Uptime
  - b) Outage
  - c) Downtime

- d) Vendor lock-in
63. ----- allows system rather than the developer, to worry about how best to make sure that data is a backed up in case of failure of machine or network connection.
- a) Swift
  - b) Nova
  - c) Cinder
  - d) Glance
64. For the minimal setup of OpenStack, you need two machines: one is ----- you're managing and one will be the manger.
- a) Infrastructure
  - b) Environment
  - c) Platform
  - d) Software
65. The ----- side would implement the API allowing any OpenStack-compliant management tool to manage it.
- a) Physical
  - b) Managed
  - c) Application
  - d) Manager
66. When port is created, it is associated with -----.
- a) Quota
  - b) Subnet
  - c) Security group
  - d) Router
67. The OpenStack community has application called ----- which is a management console.
- a) Nova
  - b) Horizon
  - c) Glance
  - d) Neuron
68. ----- is block storage component, which is being able to access specific locations on the disk drive.
- a) Horizon
  - b) Keystone
  - c) Cinder
  - d) Swift
69. Citrix XenServer is example of ----- hypervisor.
- a) Hosted

- b) Type II
  - c) Nested
  - d) Type I
70. The property of ----- implies in the ability of providers and clients to adjust their resources upon demands.
- a) Self organization
  - b) Price-based utilities
  - c) Dynamic resource provisioning
  - d) Service oriented
71. The specific ----- diagram that is used to classify the object is called as class diagram.
- a) Taxonomy
  - b) Structure
  - c) Behavior
  - d) Schema
72. In the -----, guest program perform its activity by interacting with the abstraction layer which provide access to underlying resources.
- a) Aggregation
  - b) Sharing
  - c) Isolation
  - d) Emulation
73. ----- cloud combines the comfort level of a private cloud with flexibility and versatility of public cloud.
- a) Hybrid
  - b) Integrated
  - c) Community
  - d) Saas
74. To implement ----- communication, the system uses IPC message queues.
- a) Publish-subscriber
  - b) Point to point
  - c) Request-reply
  - d) Peer to peer
75. ----- service provide a rent basis environments in such a way that cloud user can develop and deploy its application.
- a) IaaS
  - b) PaaS
  - c) SaaS
  - d) DaaS
76. In ----- ,actual assignments of parts to processors is deferred until runtime, meaning that the assignment is easily changed to accommodate performance tuning.
- a) Remote method invocation

- b) Abstract data type
  - c) Remote procedure call
  - d) Call and return
77. The service implementation element of service oriented computing provides the require ---  
----- and appropriate data.
- a) Interface
  - b) Business logic
  - c) ESB
  - d) Contract
78. ----- hides the distributed nature of the system from its user and shows the user  
that the system is appearing and performing a normal centralized system.
- a) Confidentiality
  - b) Transparency
  - c) Integrity
  - d) Availability
79. A ----- usually provide commentary or information on particular issue, event or  
topic.
- a) Wikis
  - b) Social networking
  - c) Blogs
  - d) Content hosting
80. ----- element of service oriented computing provide specification of purpose,  
functionality, constraints and usage of service.
- a) Interface
  - b) Business logic
  - c) ESB
  - d) Contract
81. ----- is protection against disclosure to unauthorized person.
- a) Confidentiality
  - b) Reliability
  - c) Integrity
  - d) Availability
82. The ----- property appears in three components: linear scalability, use by demand  
and payment of what is consumed?
- a) Automatic service demand
  - b) Measurable services
  - c) Elasticity
  - d) Multiple tenants
83. ----- of data challenge can be reduce by using security application, encrypted file  
system, data loss software.
- a) Service quality

- b) Interoperability
  - c) Security and privacy
  - d) Reliability and availability
84. In ----- virtualization model, “hypervisor” software installed on client device allows the one desktop to run multiple operating system.
- a) Desktop
  - b) Server
  - c) Client
  - d) Hosted Desktop
85. Infrastructure then runs the “-----” upon which developers can create software applications that are delivered to end user.
- a) Application
  - b) Platform
  - c) Service
  - d) Network
86. For the users waiting to give OpenStack a try , ----- may be the first component they actually see.
- a) Horizon
  - b) Swift
  - c) Glance
  - d) Heat
87. Ceilometer provide services like metering and -----.
- a) Logging
  - b) Pay per use
  - c) Auditing
  - d) Usage reporting
88. ----- and provider network are two types of network in OpenStack.
- a) Neuron
  - b) Customer network
  - c) Tenant
  - d) Management network
89. ----- node in OpenStack contains hypervisor components and Layer-2, DHCP and metadata components.
- a) Network
  - b) Compute
  - c) Port
  - d) Controller
90. ----- helps to manage infrastructure needed for cloud service to run.
- a) Glance

- b) Horizon
  - c) Swift
  - d) Heat
91. ----- is set of software tools for building and managing cloud computing platforms for public and private clouds.
- a) Cloud computing
  - b) Virtualization
  - c) OpenStack
  - d) Web services
92. ----- option in VMware create virtual machine which has same hardware version as the version of workstations you are using.
- a) Typical
  - b) libvirtd
  - c) Custom
  - d) Virt-manager
93. ----- is economical model based in “pay what you use”.
- a) Cloud computing
  - b) SOA
  - c) Virtualization
  - d) Openstack
94. ----- provide scalability and flexibility of multiple operating system.
- a) Cloud computing
  - b) SOA
  - c) Virtualization
  - d) Openstack
95. The client stub packs the parameters into the message, this is called -----.
- a) Marshalling
  - b) Stubbing
  - c) Unmarshalling
  - d) Data binding
96. ----- is the mechanism which allows processes to communicate each other and synchronize their action.
- a) Peer to peer
  - b) IPC
  - c) Message based communication
  - d) RPC
97. There are various performance metrics such as response time, throughput, -----, network capacity etc. are employed to access the performance.

- a) System utilization
  - b) Speed
  - c) Platform
  - d) Fault tolerance
98. Service provider can take advantage of techniques of ----- in order to maximize resource utilization.
- a) SOA
  - b) Multi-tenant
  - c) VM migration
  - d) Price based utility
99. ----- virtualization commonly used in file system ,SAN, switches and virtual tape system.
- a) Server
  - b) Desktop
  - c) Application
  - d) Storage
100. Rather than the traditional idea of referring to the files by their location on the disk drive, developer can instead refer to unique identifier referring to the file and then ----- decide where to store the information.
- a) Cloud computing
  - b) Virtualization
  - c) OpenStack
  - d) Web services