Class: BE_II   **Prepared By: D.S.Zingade**
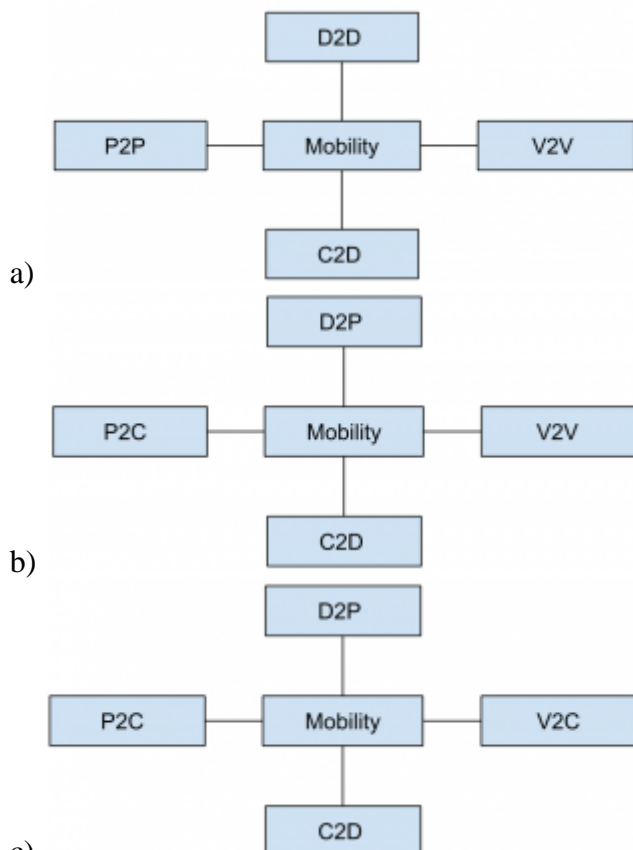
SUB: Cloud Computing

Note : STUDY ALL 120   important MCQs + 1 Sentence answers of IIInd UNIT

Cloud Computing Questions and Answers – Virtualization TechnologiesThis set of Cloud Computing Multiple Choice Questions & Answers (MCQs) focuses on "Virtualization Technologies".

1. Which of the following correctly represents different types of mobile patterns?

a)

b)

c)
d) All of the mentioned
View Answer

Answer: a

Explanation: You can define the features in software and hardware that enables flexibility as conforming to one or more of the mobility patterns.

2. Point out the wrong statement.
a) Abstraction enables the key benefit of cloud computing: shared, ubiquitous access
b) Virtualization assigns a logical name for a physical resource and then provides a pointer to that physical resource when a request is made
c) All cloud computing applications combine their resources into pools that can be assigned on demand to users
d) All of the mentioned
View Answer

Answer: c
Explanation: Several important cloud computing approaches use a strictly hardware-based approach to abstraction.

3. Which of the following type of virtualization is also characteristic of cloud computing?
a) Storage
b) Application
c) CPU
d) All of the mentioned
View Answer

Answer: d
Explanation: To enable these characteristics, resources must be highly configurable and flexible.

4. The technology used to distribute service requests to resources is referred to as _____
a) load performing
b) load scheduling
c) load balancing
d) all of the mentioned
View Answer

Answer: c
Explanation: Load balancing is an optimization technique.

5. Point out the correct statement.
a) A client can request access to a cloud service from any location
b) A cloud has multiple application instances and directs requests to an instance based on conditions
c) Computers can be partitioned into a set of virtual machines with each machine being assigned a workload
d) All of the mentioned
View Answer

Answer: d
Explanation: Alternatively, systems can be virtualized through load-balancing technologies.

6. Which of the following software can be used to implement load balancing?
a) Apache mod_balancer
b) Apache mod_proxy_balancer
c) F6's BigIP
d) All of the mentioned
View Answer

Answer: b
Explanation: Load balancing can be used to increase utilization and throughput, lower latency, reduce response time, and avoid system overload.

7. Which of the following network resources can be load balanced?
a) Connections through intelligent switches
b) DNS
c) Storage resources
d) All of the mentioned
View Answer

Answer: d
Explanation: Load balancing provides the necessary redundancy to make an intrinsically unreliable system reliable through managed redirection.

8. Which of the following is a more sophisticated load balancer?
a) workload managers
b) workspace managers
c) rackserve managers
d) all of the mentioned
View Answer

Answer: a
Explanation: They determine the current utilization of the resources in their pool.

9. A _____ is a combination load balancer and application server that is a server placed between a firewall or router.
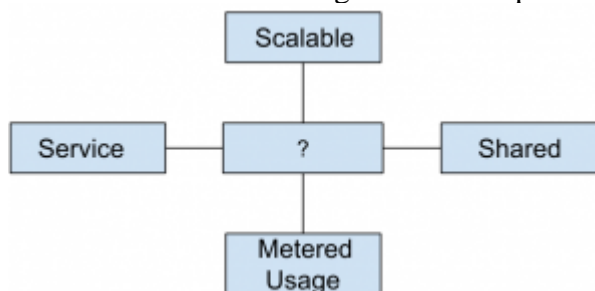a) ABC
b) ACD
c) ADC
d) All of the mentioned
View Answer

Answer: c
Explanation: An Application Delivery Controller is assigned a virtual IP address (VIP) that maps to a pool of servers based on application specific criteria.

10. Which of the following should be replaced with the question mark in the following figure?

a) Abstraction
b) Virtualization
c) Mobility Pattern
d) All of the mentioned
View Answer

Answer: b
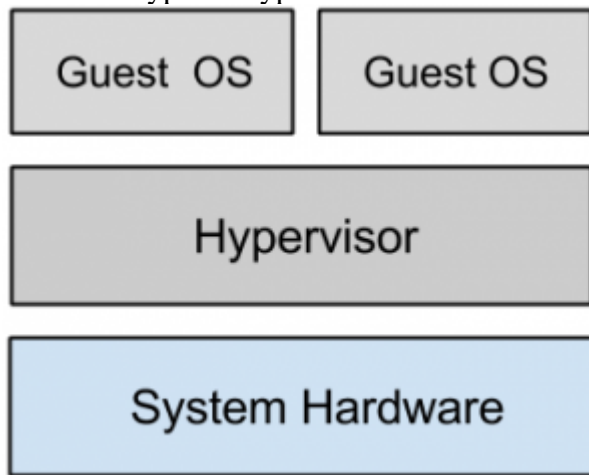**Explanation: Virtualization is a key enabler of the first four of five key attributes of cloud computing.**

Cloud Computing Questions and Answers – Hypervisors – 1

This set of Cloud Computing Multiple Choice Questions & Answers (MCQs) focuses on "Hypervisors – 1".

11. Which type of Hypervisor is shown in the following figure?

a) Type 1
b) Type 2
c) Type 3
d) All of the mentioned
View Answer

Answer: a
Explanation: A hypervisor running on bare metal is a Type 1 VM or native VM.

12. Point out the wrong statement.
a) Load balancing virtualizes systems and resources by mapping a logical address to a physical address
b) Multiple instances of various Google applications are running on different hosts
c) Google uses hardware virtualization
d) All of the mentioned
View Answer

Answer: c
Explanation: Google performs server load balancing to distribute the processing load and to get high utilization rates.

13. Which of the following is another name for the system virtual machine?
a) hardware virtual machine
b) software virtual machine
c) real machine
d) none of the mentioned
View Answer

Answer: a
Explanation: Some virtual machines are designed to run only a single application or process and are referred to as process virtual machines.

14. Which of the following provide system resource access to virtual machines?
a) VMM
b) VMC
c) VNM
d) All of the mentioned
View Answer

Answer: a
Explanation: VMM is another name for Hypervisor.

15. Point out the correct statement.
a) A virtual machine is a computer that is walled off from the physical computer that the virtual machine
is running on
b) Virtual machines provide the capability of running multiple machine instances, each with their own operating system
c) The downside of virtual machine technologies is that having resources indirectly addressed means there is some level of overhead
d) All of the mentioned
View Answer

Answer: d
Explanation: This makes virtual machine technology very useful for running old versions of operating systems, testing applications in what amounts to a sandbox.

16. An operating system running on a Type _____ VM is full virtualization.
a) 1
b) 2
c) 3
d) All of the mentioned
View Answer

Answer: a
Explanation: Because it is a complete simulation of the hardware that it is running on.

17. Which of the following is Type 1 Hypervisor?
a) Wind River Simics
b) Virtual Server 2005 R2
c) KVM
d) LynxSecure
View Answer

Answer: d
Explanation: Type 1 VMs have no host operating system because they are installed on a bare system.

18. Which of the following is Type 2 VM?
a) VirtualLogix VLX
b) VMware ESX
c) Xen
d) LynxSecure
View Answer

Answer: c
Explanation: Xen is used by Amazon Web Services to provide Amazon Machine Instances (AMIs).

19. Which of the following will be the host operating system for Windows Server?
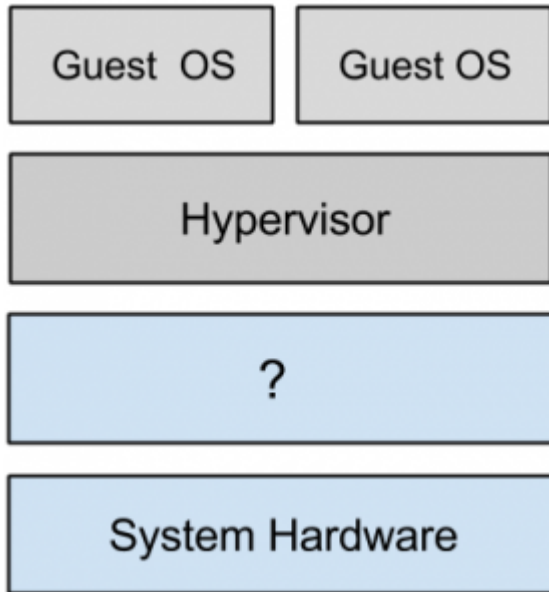a) VirtualLogix VLX
b) Microsoft Hyper-V
c) Xen
d) All of the mentioned
View Answer

Answer: b
Explanation: Type 2 virtual machines are installed over a host operating system.

20. Which of the following should be placed in second lowermost layer for the following figure?

a) Host Operating System
b) Software
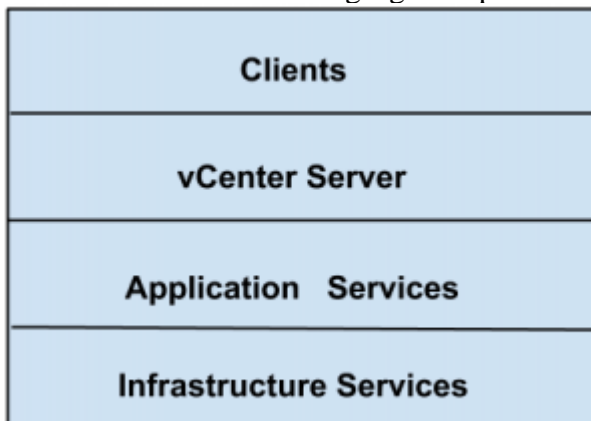c) VM
d) None of the mentioned
View Answer

Answer: a
Explanation: Examples of Type 2 Virtual Machine Monitors are Containers, KVM, Microsoft Hyper V and Parallels Desktop for Mac.

Cloud Computing Questions and Answers – Hypervisors – 2

This set of Cloud Computing Test focuses on "Hypervisors – 2".

21. What does the following figure represent?

a) vSquare cloud infrastructure
b) vCube cloud infrastructure
c) vSphere cloud infrastructure
d) None of the mentioned
View Answer

Answer: c
Explanation: vSphere is the branding for a set of management tools and a set of products previously labeled VMware Infrastructure.

22. Point out the wrong statement.
a) Some hypervisors are installed over an operating system and are referred to as Type 2 or hosted VM
b) All CPUs support virtual machines
c) On a Type 2 VM, a software interface is created that emulates the devices with which a system would normally interact
d) All of the mentioned
View Answer

Answer: b
Explanation: Not all CPUs support virtual machines and many that do require that you enable this support in the BIOS.

23. Which of the following type of virtualization is found in hypervisor such as Microsoft's Hyper-V?
a) paravirtualization
b) full virtualization
c) emulation
d) none of the mentioned
View Answer

Answer: a
Explanation: It is the host operating system that is performing the I/O through a para-API.

24. In _____ the virtual machine simulates hardware, so it can be independent of the underlying system hardware.
a) paravirtualization
b) full virtualization
c) emulation
d) none of the mentioned
View Answer

Answer: c
Explanation: A guest operating system using emulation does not need to be modified in any way.

25. Point out the wrong statement.
a) Full virtualization requires that the host operating system provide a virtual machine interface for the guest operating system and that the guest access hardware through that host VM
b) Guest operating systems in full virtualization systems are generally faster than other virtualization schemes
c) A process virtual machine instantiates when a command begins a process
d) All of the mentioned
View Answer

Answer: a
Explanation: An operating system running as a guest on a paravirtualization system must be ported to work with the host interface.

26. In a _____ scheme, the VM is installed as a Type 1 Hypervisor directly onto the hardware.

a) paravirtualization
b) full virtualization
c) emulation
d) none of the mentioned
View Answer

Answer: b
Explanation: All operating systems in full virtualization communicate directly with the VM hypervisor.

27. Which of the following operating system support operating system virtualization?
a) Windows NT
b) Sun Solaris
c) Windows XP
d) Compliance
View Answer

Answer: b
Explanation: This type of virtualization creates virtual servers at the operating system or kernel level.

28. 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
View Answer

Answer: c
Explanation: VMware vSphere is a management infrastructure framework that virtualizes system, storage, and networking hardware to create cloud computing infrastructures.

29. _____ is a service that creates and manages virtual network interfaces.
a) VMware vStorage
b) VMware vNetwork
c) VMware vCompute
d) Application services
View Answer

Answer: b
Explanation: VMware vStorage is a service that aggregates storage resources into an assignable pool.

30. Which of the following allows a virtual machine to run on two or more physical processors at the same time?
a) Virtual SMP
b) Distributed Resource Scheduler
c) vNetwork Distributed Switch
d) Storage VMotion
View Answer

Answer: a
Explanation: The virtualization layer that abstracts processing, memory, and storage uses the VMware ESX or ESXi virtualization server.

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Cloud Computing Questions and Answers – Machine Imaging

This set of Cloud Computing Multiple Choice Questions & Answers (MCQs) focuses on "Machine Imaging".

31. Which of the following product migrate files from one datastore to another datastore?
a) vNetwork Distributed Switch
b) Storage VMotion
c) VMotion
d) None of the mentioned
View Answer

Answer: b
Explanation: Virtual machine uses the datastore continues to run.

32. Point out the wrong statement.
a) A part of the DRS called the distributed power management (DPM) module can manage the power consumption of systems
b) DMS monitors network connections, provides firewall services, and enables the use of third-party switches
c) Physical computers can be standalone hosts or a set of clustered systems
d) All of the mentioned
View Answer

Answer: b
Explanation: DVS has the capability to maintain a network runtime state for virtual machines as they are migrated from one physical system to another.

33. _____ virtualization abstracts networking hardware and software into a virtual network that can be managed.
a) Storage
b) Network
c) Software
d) None of the mentioned
View Answer

Answer: b
Explanation: The key feature that makes virtual infrastructure so appealing for organizations implementing a cloud computing solution is flexibility.

34. 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) None of the mentioned
View Answer

Answer: a
Explanation: Block-based storage such as those used in SANs use a feature called a Logical

Unit Identifier (LUN) with specific addresses stored in the form of an offset called the Logical Block Address (LBA).

35. Point out the wrong statement.
a) A virtual network can create virtual network interfaces
b) Instantiating a virtual machine is a very slow process
c) You can make machine images of systems in the configuration that you want to deploy or take snapshots of working virtual machines
d) All of the mentioned
View Answer

Answer: b
Explanation: Instantiating a virtual machine is a very fast process, typically only a few seconds in length.

36. 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) none of the mentioned
View Answer

Answer: a
Explanation: The system imaging program is used to make this image and can be used later to restore a system image.

37. Which of the following is an open standard for storing a system image?
a) OVF
b) PPF
c) VOF
d) Compliance
View Answer

Answer: a
Explanation: OVF stands for the pen Virtualization Format.

38. _____ is used by Amazon Web Services to store copies of a virtual machine.
a) AMI
b) EMI
c) IMI
d) Application services
View Answer

Answer: a
Explanation: AMI stands for Amazon Machine Image.

39. AMI imaging service is provided by Amazon for _____
a) private use
b) public use
c) pay-per-use
d) all of the mentioned
View Answer

Answer: d
Explanation: An AMI can be for public use under a free distribution license, for pay-per-use with operating systems such as Windows, or shared by an EC2 user with other users who are given the privilege of access.

40. Which of the following runs on Xen Hypervisor?
a) Azure
b) AWS EC2
c) AWS EC3
d) All of the mentioned
View Answer

Answer: b
Explanation: The term virtual appliance is meant to differentiate the software image from an operating virtual machine.

Cloud Computing Questions and Answers – Syndication Services

This set of Cloud Computing Multiple Choice Questions & Answers (MCQs) focuses on "Syndication Services".

41. Which of the following technology is used for syndicated content?
a) AJAX
b) RSS
c) Javascript
d) All of the mentioned
View Answer

Answer: b
Explanation: RSS stands for Really Simple Syndication.

42. Point out the correct statement.
a) A syndication service is another way for people to send messages to a group of people
b) You can read RSS and Atom formatted content inside special applications called newsreaders
c) Web feeds also are used to follow blogger and wikis entries
d) All of the mentioned
View Answer

Answer: d
Explanation: The technology behind syndication is simple, but the value of the content can be impactful.

43. How many technologies are used for most of the syndicated content on the Internet?
a) 1
b) 2
c) 3
d) 4
View Answer

Answer: b
Explanation: Two technologies are behind most of the syndicated content being used on the Internet: RSS and Atom.

44. Which of the following file format is used by RSS module?
a) XML
b) SMIL

c) JSON
d) All of the mentioned
View Answer

Answer: a
Explanation: RSS uses an XML file format and the concept of an RSS world or module.

45. Point out the wrong statement.
a) In Gmail, you can construct searches with multiple operators using the Advanced Search feature
b) RSS and Atom are prototypes of a class of XML specifications called synchronized markup languages
c) A typical RSS document or feed contains text and metadata that can be used to indicate publication dates
d) None of the mentioned
View Answer

Answer: b
Explanation: RSS and Atom are prototypes of a class of XML specifications called syndication markup languages.

46. Which of the following was developed an alternative to XML syndication by IETF?
a) Atom Publishing Protocol
b) Atom Subscribing Protocol
c) Atom Subscribe Protocol
d) None of the mentioned
View Answer

Answer: a
Explanation: Atom has some structural differences with RSS, but is similar in approach and technology.

47. Which of the following is not an RSS module?
a) XML namespaces
b) Ecommerce RSS 2.0
c) Media RSS 2.0
d) None of the mentioned
View Answer

Answer: d
Explanation: The major browser providers use the feed icon to indicate that you can subscribe to content on that Web page.

48. Which of the following application is a newsreader?
a) Google Reader
b) Bloglines
c) Newsgator Online
d) All of the mentioned
View Answer

Answer: d
Explanation: These are a class of applications whose entire purpose is displaying RSS content.

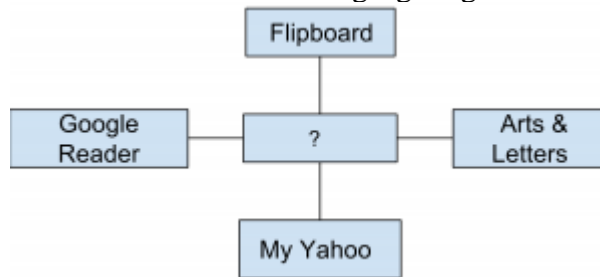49. _____ is an application for collecting messages sent in RSS and Atom format from information providers.
a) Google Reader
b) Yahoo Mail
c) EmailRackspace

d) All of the mentioned
View Answer

Answer: a
Explanation: These applications are sometimes referred to as newsreaders or aggregators.

50. What does the following figure give information about?

a) Mail Service
b) News aggregator
c) Office Suite
d) None of the mentioned
View Answer

Answer: b
Explanation: A news aggregation Web site is one that relies on collecting the syndicated content from other Web sites in a form that can be viewed together.

Sanfoundry Global Education & Learning Series – Cloud Computing.

Cloud Computing Questions and Answers – Communicating with the Cloud – 1

This set of Cloud Computing Multiple Choice Questions & Answers (MCQs) focuses on "Communicating with the Cloud – 1".

51. Which of the following systems allow short text messages to be exchanged?
a) SMS
b) IMS
c) JVS
d) All of the mentioned
View Answer

Answer: a
Explanation: Twitter is described as the prototypical example of this type of service.

52. Point out the correct statement.
a) Aggregation also can be done within software creating a custom Web page
b) The Add Stuff link in iGoogle takes you to the content management system
c) When you return to iGoogle, the feed appears within an Ajax frame that can be moved around on the page or moved to additional tabs that you can create
d) All of the mentioned
View Answer

Answer: d
Explanation: iGoogle's syndication aggregation site is an example of a content management system.

53. _____ builds on the older concept of Internet chat to add a more immediate response to text messages between individuals and groups.
a) VM
b) IM
c) SM
d) None of the mentioned
View Answer

Answer: b
Explanation: IM stands for instant messaging.

54. Which of the following can be a form of Instant messaging application?
a) Discrete instant messaging desktop clients
b) Enterprise messaging services
c) Browser-based IM clients
d) All of the mentioned
View Answer

Answer: d
Explanation: IM is meant to be instant communication between people.

55. Point out the wrong statement.
a) Syndicated content appears in iGoogle inside Ajax frames that can be arranged in pages
b) RSS and Atom are prototypes of a class of XML specifications called syndication markup languages
c) Webmail services are often free, browser-based, and platform-independent
d) None of the mentioned
View Answer

Answer: d
Explanation: Webmail has broken out and is becoming widely adopted in companies and governments.

56. Which of the following feature is provided by Instant messaging?
a) Rich contact management
b) File transfers
c) E-mail integration
d) All of the mentioned
View Answer

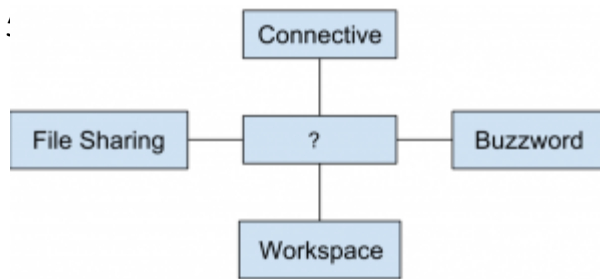**Answer: d**
Explanation: IM is a very rich product category.

57. Which of the following is also referred to as Windows Live Messenger native client contact?
a) Friends list
b) Buddy list
c) Contact list
d) None of the mentioned
View Answer

Answer: b
Explanation: When messages arrive, the system shows an alert over the System Tray icon, sounds a bell or performs other actions to let you know.

a) Glide
b) Acrobat
c) Google Docs
d) None of the mentioned
View Answer

Answer: b
Explanation: Acrobat.com is Adobe's application suite of cloud-based applications.

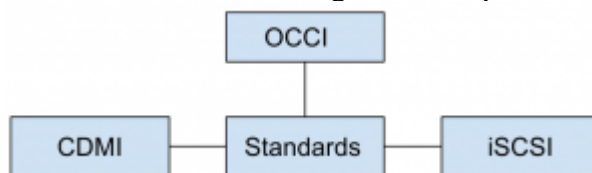59. Which of the following Webmail service has IM clients embedded in it?
a) Yahoo Office Communications Server
b) Microsoft Office Communications Server
c) AOL Server
d) All of the mentioned
View Answer

Answer: b
Explanation: This category of software is sometimes referred to as Enterprise Instant Messaging (EIM).

60. Which of the following feature is provide by standards shown in the following figure?

a) Scalability
b) Interoperability
c) Reliability
d) None of the mentioned
View Answer

Answer: b
Explanation: Interoperability between different instant messaging clients has been a major area of contention.

-

Cloud Computing Questions and Answers – Communicating with the Cloud – 2

This set of Advanced Cloud Computing Questions & Answers focuses on "Communicating with the Cloud – 2".

61. How many types of protocols are important for instant messaging?
a) 2
b) 3
c) 4

d) All of the mentioned
View Answer

Answer: b
Explanation: In an effort to create an interoperability standard between different IM clients, several instant messaging protocols have been created.

62. Point out the correct statement.
a) Every third-party IM clients aim to allow their users to connect to the different major IM services
b) SIP stands for Secure Initiation Protocol
c) XMPP stands for Extensible Messaging and Presence Protocol
d) All of the mentioned
View Answer

Answer: c
Explanation: SIP stands for Session Initiation Protocol.

63. Which of the following protocol is adopted for interoperability by top three IM service providers?
a) SIP
b) SIMPLE
c) XMPP
d) IMPS
View Answer

Answer: b
Explanation: They allow their users to connect with the other services' public users for a fee.

64. Which of the following protocol is not an Internet Engineering Task Force standard?
a) SIP
b) SIMPLE
c) XMPP
d) IMPS
View Answer

Answer: d
Explanation: IMPS is an IM communications standard.

65. Point out the wrong statement.
a) All IM clients use peer-to-peer messaging
b) IM software aimed at businesses such as XMPP, Lotus Sametime, and Microsoft Office Communicator use a client/server architecture
c) Instant messaging is as popular in business as it is in personal communications
d) None of the mentioned
View Answer

Answer: d
Explanation: Some IM clients use peer-to-peer messaging.

66. Which of the following IM client allow their users to connect to the different major IM services?
a) Pidgin
b) Miranda IM
c) Trillian
d) All of the mentioned
View Answer

Answer: d
Explanation: Trillian runs on Windows, Macintosh, IOS (iPhone OS), Android, Blackberry, and inside browsers.

67. Which of the following is also referred to as Short Message Service?
a) Mini-blogs
b) Micro-blogs
c) Nano-blogs
d) None of the mentioned
View Answer

Answer: b
Explanation: When a service collects your messages in a conversation, it is called a micro-blog.

68. Which of the following is a good example of an SMS service organized into a social network and blog?
a) Twitter
b) Facebook
c) Instagram
d) None of the mentioned
View Answer

Answer: a
Explanation: It is sometimes referred to as the SMS of the Internet or as a form of Internet Relay Chat (IRC).

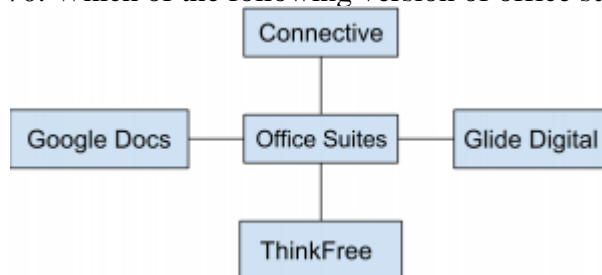69. Which of the following language is used to build a message server queue in twitter?
a) Ruby
b) Scala
c) Java
d) All of the mentioned
View Answer

Answer: b
Explanation: The Twitter Web client was built using Ruby on Rails and deployed on the Ruby Enterprise Edition, with the message queue server written in Scala.

70. Which of the following version of office suite is shown in the figure?

a) Offline
b) Online
c) Online and Offline
d) None of the mentioned
View Answer

Answer: b
Explanation: Glide Digital OS4 is a complete suite with office software, e-mail, and other tools that replicate an online desktop.

Cloud Computing Questions and Answers – Collaboration Technologies – 1

This set of Cloud Computing Multiple Choice Questions & Answers (MCQs) focuses on "Collaboration Technologies – 1".

71. Which of the following factor has helped spur the popularity of collaborative software for conferencing and workgroup support?
a) emergence of cloud networks
b) high cost of computing
c) lowered cost of travel
d) all of the mentioned
View Answer

Answer: a
Explanation: Collaborative software is an old concept with roots in many different types of systems.

72. Point out the wrong statement.
a) Yahoo's Exchange platform added features to compete with Notes
b) SIP stands for Session Initiation Protocol
c) Citrix GoToMeeting is one of the best-known collaboration software product
d) All of the mentioned
View Answer

Answer: a
Explanation: Microsoft's Exchange platform added features to compete with Notes.

73. Which of the following software enables real-time or near-real-time communication?
a) Focusware
b) Collaborative
c) Cooperative
d) IMPS
View Answer

Answer: b
Explanation: Groupware is also similar to collaborative software.

74. Which of the following is first ever true collaboration platform?
a) Lotus Notes
b) Citrix GoToMeeting
c) XAMPP
d) None of the mentioned
View Answer

Answer: a
Explanation: Lotus Notes added document management, content management, and groups, and it supported mobile users.

75. Point out the wrong statement.
a) ZCS can synchronize email, contacts, and calendars with a number of mail services, including mobile phones
b) ZCS is a groupware product
c) Yahoo!, the owner of ZCS, makes the source code available under their Yahoo! Public License

(YPL)
d) None of the mentioned
View Answer

Answer: d
Explanation: ZCS stands for Zimbra Collaboration Suite.

76. Which of the following product allows users to share their desktop, do presentations, and even let a user remotely take over another user's computer in real time?
a) Citrix
b) Zimbra
c) Trillian
d) All of the mentioned
View Answer

Answer: a
Explanation: Meetings can be scheduled and recorded for later playback.

77. Which of the following platform is a direct competitor to GoToMeeting?
a) Zimbra
b) DimDim
c) RimRim
d) None of the mentioned
View Answer

Answer: b
Explanation: Dimdim offers a service that is a strong Web conferencing platform.

78. Which of the following is a good example of an SMS service organized into a social network and blog?
a) Twitter
b) Facebook
c) Instagram
d) None of the mentioned
View Answer

Answer: a
Explanation: It is sometimes referred to as the SMS of the Internet or as a form of Internet Relay Chat (IRC).

79. Which of the following sites let you create your own small personal Website, which you give people access to view?
a) Friendster
b) MySpace
c) Facebook
d) All of the mentioned
View Answer

Answer: d
Explanation: Friendster was the earliest of these three services, followed by MySpace, which was more successful.

80. Which of the following is a central element of social networking site?
a) Personal profile
b) Friends
c) Groups

d) All of the mentioned
View Answer

Answer: d
Explanation: Nearly all social networks have a feature called groups where people interested in a similar topic can post messages to one another.

Cloud Computing Questions and Answers – Collaboration Technologies – 2

This set of tricky Cloud Computing questions and answers focuses on "Collaboration Technologies – 2".

81. Which of the following programming medium makes social networking widgets more prevalent than the past?
a) HTML
b) Java
c) AJAX
d) All of the mentioned
View Answer

Answer: c
Explanation: Many social networking sites have widget galleries that contain clocks, calendars, animations, weather information, electronic Post-It notes, and many more

82. Point out the wrong statement.
a) Discussions are often indexed by the major search engines
b) Few social networking sites have the ability to create blogs
c) A widget is a small utility that you can add to your page
d) All of the mentioned
View Answer

Answer: b
Explanation: Most social networking sites have the ability to create blogs.

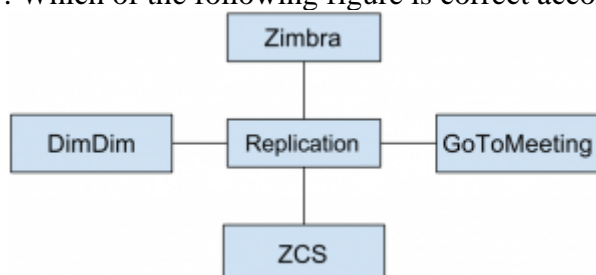83. Which of the following is not a social networking site?
a) IRC-Galleria
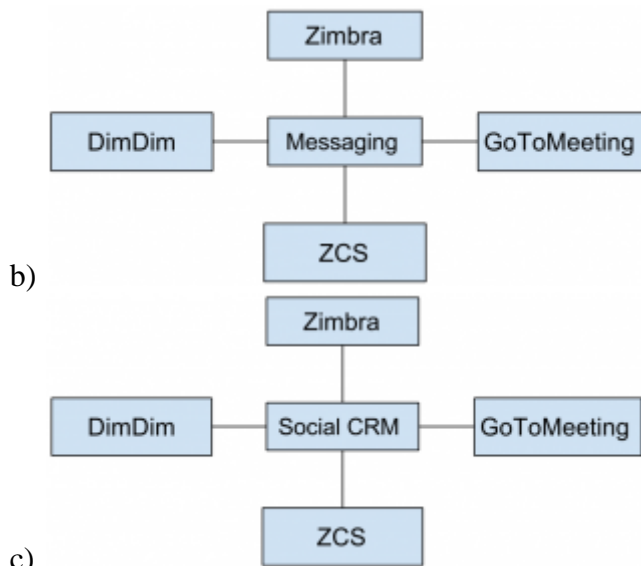b) Italki.com
c) Itsmy
d) None of the mentioned
View Answer

Answer: d
Explanation: Itsmy is a mobile social network.

84. Which of the following figure is correct according to categories shown?

a)

b)

c)

d) All of the mentioned
View Answer

Answer: b
Explanation: The emergence of cloud networks,lowered cost of computing and high cost of travel helped popularity of collaborative software.

85. Point out the wrong statement.
a) myYearbook is used for general social network
b) MySpace is used as a social networking site for Asian relationships
c) Livemocha is used for language learning purpose
d) None of the mentioned
View Answer

Answer: b
Explanation: Multiply is used as a social networking site for Asian relationships.

86. Which of the following social networking site is used for Business and professional networking?
a) LiveJournal
b) Linkedin
c) Mix
d) All of the mentioned
View Answer

Answer: b
Explanation: Mixi is a Japanese social network.

87. Which of the following social networking site is used for locating friends and family?
a) MyLife
b) My Opera
c) MyBlogLog
d) None of the mentioned
View Answer

Answer: a
Explanation: MyBlogLog is a blogging network.

88. Which of the following is the largest Chinese social networking site?
a) Qzone
b) ResearchGATE
c) Renren

d) None of the mentioned
View Answer

Answer: a
Explanation: ResearchGATE is used for science research.

89. Which of the following offers a desktop application or browser add-in for aggregating Webmail and social network accounts?
a) FriendFeed
b) ContextMine
c) Gathera
d) All of the mentioned
View Answer

Answer: c
Explanation: FriendFeed site monitors brand presence.

90. Which of the following offers an SaaS service that provides online analysis and measurement of social media tools?
a) Network Insights
b) myZuzu
c) NutshellMail
d) Gnip
View Answer

Answer: a
Explanation: Gnip offers an aggregation API for developers.

Cloud Computing Questions and Answers – Media and Streaming

This set of Cloud Computing Multiple Choice Questions & Answers (MCQs) focuses on "Media and Streaming".

91. Which of the following is the audio streaming application by Microsoft?
a) Hangout
b) Skype
c) Voice
d) All of the mentioned
View Answer

Answer: b
Explanation: Skype is a telecommunications application software product that specializes in providing video chat and voice calls from the computer.

92. Point out the correct statement.
a) Streaming files are a way of delivering large content in pieces so playback can begin more quickly
b) Streaming is used for broadcasting current events
c) Cloud computing provides large storage for maintaining libraries
d) All of the mentioned
View Answer

Answer: d
Explanation: Cloud computing has a number of advantages that aid content providers and delivery systems.

93. How many types of streamed material exist for audio/video streaming applications?
a) 1
b) 2
c) 3
d) 4
View Answer

Answer: b
Explanation: Streamed material can be live or on-demand.

94. Which of the following streaming is also called progressive download?
a) Offline
b) Live
c) On-demand
d) All of the mentioned
View Answer

Answer: b
Explanation: Live streaming is called progressive streaming.

95. Point out the wrong statement.
a) Video streaming was among the first media applications to find widespread use on the Internet
b) VoIP is a form of audio streaming with a set of specialized protocols
c) Broadband connections and low-cost infrastructure have made video streaming services widely available
d) None of the mentioned
View Answer

Answer: a
Explanation: Cloud computing has expanded the use of streamed audio to make radio, Webcasts, music sites, and other services widely available.

96. Which of the following streaming occurs from the material that is already stored to disk?
a) Online
b) Live
c) On-demand
d) All of the mentioned
View Answer

Answer: c
Explanation: Streaming media are files that are sent in pieces by service and played back by a client as the delivery continues.

97. When a live stream is sent a multicast to 1,000 concurrent users at 500 kbps, the number of megabytes transferred is _____
a) 220 GB
b) 220 MB
c) 220 TB
d) None of the mentioned
View Answer

Answer: a
Explanation: Formula for data transfer is: MB transferred = Bandwidth x Time x Number of Users.

98. Which of the following is a stream sent from a service to an individual user?
a) Unicast

b) Multicast
c) Broadcast
d) None of the mentioned
View Answer

Answer: a
Explanation: For many content services, such as the music services Last FM and Rhapsody, a vast number of files are being served to individual users and they go out using unicast protocols as individual streams.

99. Applications that protect streamed content by playing the part of the file and discarding it are more aptly referred to as _____
a) Streaming
b) Scaling
c) Gathering
d) All of the mentioned
View Answer

Answer: a
Explanation: Even if delivery is always over a WAN connection, CDN (Content Delivery Network) still offers enormous inefficiencies.

100. Which of the following transmission protocol is used in case of a streamed media scenario?
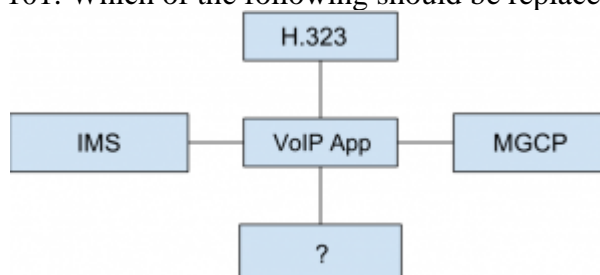a) TCP
b) UDP
c) HTTP
d) None of the mentioned
View Answer

Answer: b
Explanation: UDP stands for user datagram protocol.

Cloud Computing Questions and Answers – VoIP Applications

This set of Cloud Computing Multiple Choice Questions & Answers (MCQs) focuses on "VoIP Applications".

101. Which of the following should be replaced with question mark in the figure shown below?

a) SMTP
b) HTTP
c) SIP
d) None of the mentioned
View Answer

Answer: c
Explanation: Voice over IP or VoIP is a set of communication protocols for delivering voice over the Internet.

102. Point out the correct statement.
a) SHOUTcast is best known for its SHOUTcast Radio
b) SHOUTcast is a proprietary server solution for streaming media on the Internet
c) NPR started out providing RealAudio files for streaming and then added Windows Media files as a second format
d) All of the mentioned
View Answer

Answer: d
Explanation: National Public Radio is a very good example of how audio streaming has evolved.

103. Which of the following is the most commonly used VoIP standard?
a) SDP
b) IMS
c) SIP
d) None of the mentioned
View Answer

Answer: b
Explanation: IMS stands for IP Multimedia Subsystem.

104. Which of the following is more light weight protocol among listed below?
a) H.323
b) MGCP
c) SIP
d) All of the mentioned
View Answer

Answer: c
Explanation: MGCP stands for Media Gateway Control Protocol.

105. Point out the wrong statement.
a) H.323 is used on short transmission lines
b) POTS is also referred to as the Public Switched Telephone Network (PSTN)
c) The ITU-T is the standards body for PSTN
d) None of the mentioned
View Answer

Answer: a
Explanation: H.323 is used on short transmission lines.

106. The Skype protocol is a proprietary (closed-source) protocol, parts of which use the Global Index _____ protocol.
a) C2C
b) P2P
c) RTCP
d) None of the mentioned
View Answer

Answer: b
Explanation: Skype uses the peer-to-peer model that was based on Kazaa.

107. Which of the following encryption method or algorithm is used in Skype communication?
a) AES
b) DES
c) SHA

d) None of the mentioned
View Answer

Answer: a
Explanation: Skype communication is encrypted using standard encryption methods.

108. Which of the following feature is supported by Skype application?
a) Message logging
b) Instant messaging
c) File transfers
d) All of the mentioned
View Answer

Answer: d
Explanation: Skype is perhaps the most widely used telephony application in the world.

109. How many streaming services does Google have which uses VoIP protocols?
a) 2
b) 3
c) 4
d) All of the mentioned
View Answer

Answer: a
Explanation: Google has two streaming services that use VoIP protocols: Google Talk and Google Voice.

110. Google Talk is a service that uses the _____ protocol for the Google Chat IM client.
a) QuickTime
b) Jabber
c) Jaspersoft
d) None of the mentioned
View Answer

Answer: b
Explanation: Google Voice is Google's telephony application, which is also a VoIP service.

Cloud Computing Questions and Answers – Syndication Services

This set of Cloud Computing Multiple Choice Questions & Answers (MCQs) focuses on "Syndication Services".

111. Which of the following technology is used for syndicated content?
a) AJAX
b) RSS
c) Javascript
d) All of the mentioned
View Answer

Answer: b
Explanation: RSS stands for Really Simple Syndication.

112. Point out the correct statement.
a) A syndication service is another way for people to send messages to a group of people
b) You can read RSS and Atom formatted content inside special applications called newsreaders
c) Web feeds also are used to follow blogger and wikis entries

d) All of the mentioned
View Answer

Answer: d
Explanation: The technology behind syndication is simple, but the value of the content can be impactful.

113. How many technologies are used for most of the syndicated content on the Internet?
a) 1
b) 2
c) 3
d) 4
View Answer

Answer: b
Explanation: Two technologies are behind most of the syndicated content being used on the Internet: RSS and Atom.

114. Which of the following file format is used by RSS module?
a) XML
b) SMIL
c) JSON
d) All of the mentioned
View Answer

Answer: a
Explanation: RSS uses an XML file format and the concept of an RSS world or module.

115. Point out the wrong statement.
a) In Gmail, you can construct searches with multiple operators using the Advanced Search feature
b) RSS and Atom are prototypes of a class of XML specifications called synchronized markup languages
c) A typical RSS document or feed contains text and metadata that can be used to indicate publication dates
d) None of the mentioned
View Answer

Answer: b
Explanation: RSS and Atom are prototypes of a class of XML specifications called syndication markup languages.

116. Which of the following was developed an alternative to XML syndication by IETF?
a) Atom Publishing Protocol
b) Atom Subscribing Protocol
c) Atom Subscribe Protocol
d) None of the mentioned
View Answer

Answer: a
Explanation: Atom has some structural differences with RSS, but is similar in approach and technology.

117. Which of the following is not an RSS module?
a) XML namespaces
b) Ecommerce RSS 2.0
c) Media RSS 2.0

d) None of the mentioned
View Answer

Answer: d
Explanation: The major browser providers use the feed icon to indicate that you can subscribe to content on that Web page.

118. Which of the following application is a newsreader?
a) Google Reader
b) Bloglines
c) Newsgator Online
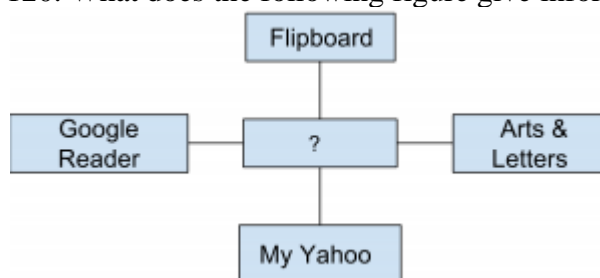d) All of the mentioned
View Answer

Answer: d
Explanation: These are a class of applications whose entire purpose is displaying RSS content.

119. _____ is an application for collecting messages sent in RSS and Atom format from information providers.
a) Google Reader
b) Yahoo Mail
c) EmailRackspace
d) All of the mentioned
View Answer

120. What does the following figure give information about?

a) Mail Service
b) News aggregator
c) Office Suite
d) None of the mentioned
View Answer

Answer: b
Explanation: A news aggregation Web site is one that relies on collecting the syndicated content from other Web sites in a form that can be viewed together.