

1. _____ computing refers to applications and services that run on a distributed network using virtualized resources.

- a) Distributed
- b) Cloud
- c) Soft
- d) Parallel

Answer: b

2. Point out the wrong statement.

- a) The massive scale of cloud computing systems was enabled by the popularization of the Internet
- b) Soft computing represents a real paradigm shift in the way in which systems are deployed
- c) Cloud computing makes the long-held dream of utility computing possible with a pay-as-you-go, infinitely scalable, universally available system
- d) All of the mentioned

Answer: b

3. _____ as a utility is a dream that dates from the beginning of the computing industry itself.

- a) Model
- b) Computing
- c) Software
- d) All of the mentioned

Answer: b

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

- a) Reliability
- b) Productivity
- c) Abstraction
- d) All of the mentioned

Answer: c

5. Point out the wrong statement.

- a) All applications benefit from deployment in the cloud
- b) With cloud computing, you can start very small and become big very fast
- c) Cloud computing is revolutionary, even if the technology it is built on is evolutionary
- d) None of the mentioned

Answer: a

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

- a) Polymorphism
- b) Abstraction
- c) Virtualization

d) None of the mentioned

Answer: c

7. _____ has many of the characteristics of what is now being called cloud computing.

- a) Internet
- b) Softwares
- c) Web Service
- d) All of the mentioned

Answer: a

8. Which of the following can be identified as a cloud?

- a) Web Applications
- b) Intranet
- c) Hadoop
- d) All of the mentioned

Answer: b

9. Cloud computing is an abstraction based on the notion of pooling physical resources and presenting them as a _____ resource.

- a) real
- b) virtual
- c) cloud
- d) none of the mentioned

Answer: b

10. Which of the following is Cloud Platform by Amazon?

- a) Azure
- b) AWS
- c) Cloudera
- d) All of the mentioned

Answer: b

11. Which of the following is the correct statement about cloud computing?

- a) Cloud computing abstracts systems by pooling and sharing resources
- b) Cloud computing is nothing more than the Internet
- c) The use of the word “cloud” makes reference to the two essential concepts
- d) All of the mentioned

Answer: a

12. Point out the wrong statement.

- a) Azure enables .NET Framework applications to run over the Internet
- b) Cloud Computing has two distinct sets of models
- c) Amazon has built a worldwide network of datacenters to service its search engine

d) None of the mentioned

Answer: c

13. Which of the following models attempts to categorize a cloud network based on four dimensional factors?

- a) Cloud Cube
- b) Cloud Square
- c) Cloud Service
- d) All of the mentioned

Answer: a

14. Which of the following is the correct statement about cloud types?

- a) Cloud Square Model is meant to show is that the traditional notion of a network boundary being the network's firewall no longer applies in cloud computing
- b) A deployment model defines the purpose of the cloud and the nature of how the cloud is located
- c) Service model defines the purpose of the cloud and the nature of how the cloud is located
- d) All of the mentioned

Answer: b

15. Which architectural layer is used as a backend in cloud computing?

- a) cloud
- b) soft
- c) client
- d) all of the mentioned

Answer: a

16. All cloud computing applications suffer from the inherent _____ that is intrinsic in their WAN connectivity.

- a) noise
- b) propagation
- c) latency
- d) all of the mentioned

Answer: c

17. Which of the following architectural standards is working with cloud computing industry?

- a) Web-application frameworks
- b) Service-oriented architecture
- c) Standardized Web services
- d) All of the mentioned

Answer: b

18. Which of the following is the correct statement?

- a) Cloud computing presents new opportunities to users and developers
- b) Service Level Agreements (SLAs) is small aspect of cloud computing
- c) Cloud computing does not have impact on software licensing
- d) All of the mentioned

Answer: a

19. A _____ Level Agreement (SLA) is the contract for performance negotiated between you and a service provider.

- a) Service
- b) Application
- c) Deployment
- d) All of the mentioned

Answer: a

20. Which of the following is the wrong statement about cloud computing?

- a) Private cloud doesn't employ the same level of virtualization
- b) Data center operates under average loads
- c) Private cloud doesn't pooling of resources that a cloud computing provider can achieve
- d) Abstraction enables the key benefit of cloud computing: shared, ubiquitous access

Answer: a

21. Identify the wrong statement about cloud computing.

- a) Virtualization assigns a logical name for a physical resource and then provides a pointer to that physical resource when a request is made
- b) Virtual appliances are becoming a very important standard cloud computing deployment object
- c) Cloud computing requires some standard protocols
- d) None of the mentioned

Answer: d

22. Identify the correct statement about cloud computing.

- a) Cloud computing relies on a set of protocols needed to manage interprocess communications
- b) Platforms are used to create more complex software
- c) Cloud architecture can couple software running on virtualized hardware in multiple locations to provide an on-demand service
- d) All of the mentioned

Answer: d

23. Point out the wrong statement.

- a) Cloud services span the gamut of computer applications
- b) The impact of cloud computing on network communication is to discourage the use of open source network protocols in place of proprietary protocol

- c) Atom is a syndication format that allows for HTTP protocols to create and update informations
- d) None of the mentioned

Answer: b

24. Which of the following is required by Cloud Computing?

- a) That the identity be authenticated
- b) That the authentication be portable
- c) That you establish an identity
- d) All of the mentioned

Answer: d

25. Cloud computing is a concept that involves pooling physical resources and offering them as which sort of resource?

- a) cloud
- b) real
- c) virtual
- d) none of the mentioned

Answer: c

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

- a) AWS
- b) Cloudera
- c) Azure
- d) All of the mentioned

Answer: a

27. Into which expenditures does Cloud computing shift capital expenditures?

- a) local
- b) operating
- c) service
- d) none of the mentioned

Answer: b

28. Point out the wrong statement.

- a) With a pay-as-you-go, endlessly expandable, and universally available system, cloud computing realises the long-held goal of utility computing
- b) The widespread use of the Internet enables the huge size of cloud computing systems
- c) Soft computing represents a significant change in the way computers are delivered
- d) All of the mentioned

Answer: c

29. Which of the following is the most essential element in cloud computing by CSA?

- a) Virtualization
- b) Multi-tenancy

- c) Identity and access management
- d) All of the mentioned

Answer: b

30. Which of the following monitors the performance of the major cloud-based services in real time in Cloud Commons?

- a) CloudWatch
- b) CloudSensor
- c) CloudMetrics
- d) All of the mentioned

Answer: b

31. Which of the following models consists of the service that you can access on a cloud computing platform?

- a) Deployment
- b) Service
- c) Application
- d) None of the mentioned

Answer: b

32. Which of the following is the most important area of concern in cloud computing?

- a) Scalability
- b) Storage
- c) Security
- d) All of the mentioned

Answer: c

33. Which of the following is the most refined and restrictive cloud service model?

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

Answer: a

34. Which of the following is not a property of cloud computing?

- a) virtualization
- b) composable
- c) scalability
- d) all of the mentioned

Answer: b

35. How many phases are there in Cloud Computing Planning?

- a) 1
- b) 5
- c) 3

d) 6

Answer: c

36. Which of the following is an example of a SaaS cloud service?

- a) Google Workspace
- b) Dropbox
- c) Salesforce
- d) All of the above

Answer: d

37. Which is the most essential concept related to Cloud computing?

- a) Abstraction
- b) Reliability
- c) Productivity
- d) All of the mentioned

Answer: a

38. In which of the following service models the hardware is virtualized in the cloud?

- a) NaaS
- b) PaaS
- c) CaaS
- d) IaaS

Answer: d

39. Which of the following is the Virtual machine conversion cloud?

- a) Amazon CloudWatch
- b) AbiCloud
- c) BMC Cloud Computing Initiative
- d) None of the mentioned

Answer: c

40. Which of the following is a workflow control and policy based automation service by CA?

- a) CA Cloud Compose
- b) CA Cloud Insight
- c) CA Cloud Optimize
- d) CA Cloud Orchestrate

Answer: d

41. Which of the following is the most complete cloud computing service model?

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

Answer: d

42. Point out the correct statement.

- a) Platforms can be based on specific types of development languages, application frameworks, or other constructs
- b) SaaS is the cloud-based equivalent of shrink-wrapped software
- c) Software as a Service (SaaS) may be succinctly described as software that is deployed on a hosted service
- d) All of the mentioned

Answer: d

43. Which of the following aspects of the service is abstracted away?

- a) Data escrow
- b) User Interaction
- c) Adoption drivers
- d) None of the mentioned

Answer: b

44. Which of the following SaaS platforms is with an exposed API?

- a) salesforce.com
- b) amazon.com
- c) flipkart.com
- d) all of the mentioned

Answer: a

45. Point out the wrong statement.

- a) SaaS applications come in all shapes and sizes
- b) Every computer user is familiar with SaaS systems
- c) SaaS software is customizable to varying degrees depending on the specific platform and service provider
- d) None of the mentioned

Answer: b

46. _____ as a Service is a cloud computing infrastructure that creates a development environment upon which applications may be built.

- a) Infrastructure
- b) Service
- c) Platform
- d) All of the mentioned

Answer: c

47. _____ is a cloud computing service model in which hardware is virtualized in the cloud.

- a) IaaS
- b) CaaS
- c) PaaS

d) None of the mentioned

Answer: a

48. Which of the following is the fundamental unit of a virtualized client in an IaaS deployment?

- a) workunit
- b) workspace
- c) workload
- d) all of the mentioned

Answer: c

49. How many types of virtual private server instances are partitioned in an IaaS stack?

- a) one
- b) two
- c) three
- d) all of the mentioned

Answer: c

50. Which of the following is a virtual machine technology now owned by Oracle that can run various operating systems?

- a) Vmachines
- b) VirtualBox
- c) ThoughtPolice
- d) None of the mentioned

Answer: b

51. _____ offering provides the tools and development environment to deploy applications on another vendor's application.

- a) PaaS
- b) IaaS
- c) CaaS
- d) All of the mentioned

Answer: a

52. Point out the correct statement.

- a) Platforms cannot be based on specific types of development languages, application frameworks, or other constructs
- b) PaaS systems offer a way to create user interfaces
- c) In a CaaS model, customers may interact with the software to enter and retrieve data
- d) All of the mentioned

Answer: b

53. Which of the following is associated with considerable vendor lock-in?

- a) PaaS
- b) IaaS

c) CaaS

d) SaaS

Answer: a

54. _____ serves as a PaaS vendor within Google App Engine system.

a) Google

b) Amazon

c) Microsoft

d) All of the mentioned

Answer: a

55. Point out the wrong statement.

- a) The customer takes no responsibility for maintaining the hardware, the software, or the development of the applications
- b) The vendor is responsible for all the operational aspects of the service
- c) Google's App Engine platform is IaaS offering
- d) None of the mentioned

Answer: c

56. Which of the following can be used for the banking industry?

a) athenahealth

b) bankserve

c) bankingsol

d) all of the mentioned

Answer: b

57. _____ as a Service is a hosted application that is the cloud equivalent of a traditional desktop application.

a) Software

b) Platform

c) Analytics

d) Compliance

Answer: a

58. Which of the following is a PCI CaaS service?

a) FedCloud

b) ClearSoln

c) Rackserve PCI

d) All of the mentioned

Answer: c

59. _____ is used for merchant transactions under the Payment Card Industry Data Security Standard.

a) ClearPoint PCI

b) ClearSoln

- c) Rackserve PCI
- d) All of the mentioned

Answer: a

60. _____ as a Service is a development environment that builds upon an existing cloud computing application infrastructure.

- a) Software
- b) Platform
- c) Analytics
- d) Compliance

Answer: b

61. Which of the following products migrate files from one datastore to another datastore?

- a) vNetwork Distributed Switch
- b) Storage VMotion
- c) VMotion
- d) None of the mentioned

Answer: b

62. 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

Answer: c

63. 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

Answer: a

64. Which of the following provide system resource access to virtual machines?

- a) VMM
- b) VMC
- c) VNM
- d) All of the mentioned

Answer: a

65. 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

Answer: d

66. 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

Answer: b

67. Which of the following operating systems support operating system virtualization?

- a) Windows NT
- b) Sun Solaris
- c) Windows XP
- d) Compliance

Answer: b

68. 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

Answer: c

69. _____ is a service that creates and manages virtual network interfaces.

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

Answer: b

70. 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

Answer: a

71. Which of the following instances has the lowest performance in AMI?

- a) High-Memory Quadruple Extra Large Instance
- b) Small Instance
- c) High-CPU Extra Large Instance
- d) All of the mentioned

Answer: b

72. Point out the correct statement.

- a) Use of different machine instance sizes is an attempt to create standard servers
- b) Reducing the variability between servers makes it easier to troubleshoot problems and simpler to deploy and configure new systems
- c) A server with the same set of software, system configuration, and hardware should perform similarly if given the same role in an infrastructure
- d) All of the mentioned

Answer: d

73. Which of the following instances has 68.4GB of memory and 26 EC2 Compute Units?

- a) High-Memory Quadruple Extra Large Instance
- b) Small Instance
- c) Micro Instance
- d) High-CPU Extra Large Instance

Answer: a

74. Which of the following instances is used by default in AMI?

- a) High-Memory Quadruple Extra Large Instance
- b) Small Instance
- c) Micro Instance
- d) High-CPU Extra Large Instance

Answer: c

75. Point out the wrong statement.

- a) In practice, there is less performance variability in cloud machine instances
- b) Capacity planning seeks to compare the capability of one system against another system
- c) Capacity planning provides the service with the best operational parameters at the lowest cost
- d) All of the mentioned

Answer: a

76. Which of the following protocols lets a Web site list in an XML file information?

- a) Sitemaps
- b) Mashups
- c) Hashups

d) All of the mentioned

Answer: a

77. Which of the following is not provided by “Deep Web”?

- a) Database generated Web pages
- b) Private or limited access Web pages
- c) Pages without links
- d) All of the mentioned

Answer: d

78. Dynamic content presented in Google _____ crawling isn't normally indexed.

- a) AJAX
- b) Java
- c) Javascript
- d) All of the mentioned

Answer: a

79. Which of the following google products sends you periodic email alerts based on your search term?

- a) Alerts
- b) Blogger
- c) Calendar
- d) All of the mentioned

Answer: a

80. Which of the following is a payment processing system by Google?

- a) Paytm
- b) Checkout
- c) Code
- d) All of the mentioned

Answer: b

81. Which does C in FCAPS stand for?

- a) Consistency
- b) Contact
- c) Configuration
- d) None of the mentioned

Answer: c

82. Point out the wrong statement.

- a) Cloud computing deployments must be monitored and managed in order to be optimized for best performance
- b) To the problems associated with analyzing distributed network applications, the cloud adds the complexity of virtual infrastructure
- c) Cloud management software provides capabilities for managing faults

d) None of the mentioned

Answer: d

83. Which of the following aims to deploy methods for measuring various aspects of cloud performance in a standard way?

- a) RIM
- b) SIM
- c) SMI
- d) All of the mentioned

Answer: c

84. Which of the following is not the feature of Network management systems?

- a) Accounting
- b) Security
- c) Performance
- d) None of the mentioned

Answer: d

85. Point out the correct statement.

- a) Cloud management includes not only managing resources in the cloud but managing resources on-premises
- b) The management of resources in the cloud requires new technology
- c) Management of resources on-premises allows vendors to use well-established network management technologies
- d) All of the mentioned

Answer: d

86. Which of the following areas of cloud computing is uniquely troublesome?

- a) Auditing
- b) Data integrity
- c) e-Discovery for legal compliance
- d) All of the mentioned

Answer: d

87. Which of the following is the operational domain of CSA?

- a) Scalability
- b) Portability and interoperability
- c) Flexibility
- d) None of the mentioned

Answer: b

88. Which of the following is considered an essential element in cloud computing by CSA?

- a) Multi-tenancy
- b) Identity and access management

- c) Virtualization
- d) All of the mentioned

Answer: a

89. Which of the following is used for Web performance management and load testing?

- a) VMware Hyperic
- b) Webmetrics
- c) Univa UD
- d) Tapinsystems

Answer: b

90. Which of the following is application and infrastructure management software for hybrid multi-clouds?

- a) VMware Hyperic
- b) Webmetrics
- c) Univa UD
- d) Tapinsystems

Answer: c

91. The properties necessary to guarantee a reliable transaction in databases and other applications is referred to as _____

- a) BASE
- b) ACID
- c) ATOM
- d) All of the mentioned

Answer: b

92. Point out the wrong statement.

- a) In theory, any application can run either completely or partially in the cloud
- b) The location of an application or service plays a fundamental role in how the application must be written
- c) An application or process that runs on a desktop or server is executed coherently, as a unit, under the control of an integrated program
- d) None of the mentioned

Answer: d

93. Which of the following is the property of ACID principle?

- a) Atomicity
- b) Consistency
- c) Isolation
- d) All of the mentioned

Answer: d

94. Which of the following ACID properties states that the system must go from one known state to another and that the system integrity must be maintained?

- a) Atomicity
- b) Consistency
- c) Isolation
- d) Durability

Answer: b

95. Point out the wrong statement.

- a) Taken as a unit, “Request => Process => Response” is not an atomic transaction
- b) A coherent transaction either succeeds and is enacted, or fails and is rolled back
- c) When rollback is not possible due to optimistic transaction commitment in a multiuser application, durability requires correcting the condition
- d) None of the mentioned

Answer: a

96. Which of the following components is required for both online and local data access in hybrid applications?

- a) local
- b) cloud
- c) both local and cloud
- d) none of the mentioned

Answer: c

97. Which of the following factors might offset the cost of offline access in hybrid applications?

- a) scalability
- b) costs
- c) ubiquitous access
- d) all of the mentioned

Answer: d

98. An application that needed _____ storage alone might not benefit from a cloud deployment at all.

- a) online
- b) offline
- c) virtual
- d) all of the mentioned

Answer: b

99. The _____ property states that the system must have a mechanism to recover from committed transactions should that be necessary.

- a) Atomicity
- b) Consistency
- c) Isolation
- d) Durability

Answer: d

100. Which of the following properties defines a transaction as something that cannot be subdivided and must be completed or abandoned as a unit?

- a) Atomicity
- b) Consistency
- c) Isolation
- d) Durability

Answer: a

101. Which of the following mobile platforms support hundreds of thousands of third-party applications?

- a) iPhone
- b) Symbian
- c) Windows Mobile Phone
- d) None of the mentioned

Answer: a

102. Point out the wrong statement.

- a) Cloud services are having a major impact on cellular phone technology, and vice versa
- b) Very few smartphones come with native applications that consume Web services
- c) Mobile application developers are staging their apps in the cloud, and a number of hosting services provide support for this
- d) All of the mentioned

Answer: b

103. In which of the following computing, mobile devices serve as the presentation platform or the display?

- a) Soft
- b) Mobile
- c) JVS
- d) All of the mentioned

Answer: b

104. Which of the following applications are processed locally on the phone?

- a) Google Earth
- b) Google Maps
- c) Google Voice
- d) None of the mentioned

Answer: d

105. Point out the wrong statement.

- a) When you develop an application for the cloud, you need multiple type of developer and then all the connected phones can use that application
- b) When you develop an application for the cloud, you need just one of developer and then all the connected phones can use that application

- c) The codec that compresses the video content uses a block-oriented motion-compensation scheme
- d) None of the mentioned

Answer: a

106. Mobile Lite is an extension of the _____ cloud service.

- a) Salesforce.com
- b) Google.com
- c) aol.com
- d) None of the mentioned

Answer: a

107. _____ is slated to add both the Opera Mini 5 and Opera Mobile 10 browsers to the Brew mobile platform.

- a) Snapdragon
- b) Qualcomm
- c) Quadrangle
- d) None of the mentioned

Answer: b

108. Which of the following are essential characteristics of a smartphone in the cloud?

- a) A smartphone offers advanced calling features such as video calls or conferencing
- b) A smartphone has a recognizable operating system
- c) A smartphone comes with a touchscreen
- d) All of the mentioned

Answer: b

109. Which of the following factors needs to be considered while moving from smartphone execution to a virtual machine running in the cloud?

- a) Network bandwidth
- b) Memory
- c) Processing power
- d) None of the mentioned

110. Which of the following was built to serve as a mobile platform for Internet computing?

- a) Windows Phone
- b) Android
- c) Symbian
- d) All of the mentioned

Answer: b

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