**Cloud Computing and Virtualization**

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. Cloud providers provide cloud services to the cloud users.  
   **a) True**  
   b) False
3. Which of the following is not a cloud stakeholder?  
   a) Cloud providers  
   **b) Clients**c) End users  
   d) Cloud users
4. 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**
5. Which of the following is not a type of cloud?  
   a) Private  
   b) Public  
   **c) Protected**  
   d) Hybrid
6. In this type of cloud, an organization rents cloud services from cloud providers on-demand basis.  
   a) Private  
   **b) Public**  
   c) Protected  
   d) Hybrid
7. In this type of cloud, the cloud is composed of multiple internal or external cloud.  
   a) Private  
   b) Public  
   c) Protected  
   **d) Hybrid**
8. \_\_\_\_\_\_\_\_\_\_\_\_\_ enables the migration of the virtual image from one physical machine to another.  
   a) visualization  
   **b) virtualization**  
   c) migration  
   d) virtual transfer
9. Most of the cloud architectures are built on this type of architecture.  
   a) skeleton  
   **b) grid**c) linear  
   d) template
10. Saas stands for?  
    **a) Software as a service**b) System Software and services  
    c) Software as a system  
    d) System as a service

2. A remote object is an object whose method can be invoked from another virtual environment.  
**a) True**  
b) False

1. RMI stands for?  
a) Remote Mail Invocation  
b) Remote Message Invocation  
c) Remaining Method Invocation  
**d) Remote Method Invocation**

. A typical \_\_\_\_\_\_\_\_\_ program creates some remote objects, makes references to these objects accessible, and waits for clients to invoke methods on these objects.  
**a) Server**  
b) Client  
c) Thread  
d) Concurrent

4. A typical \_\_\_\_\_\_\_\_\_\_ program obtains a remote reference to one or more remote objects on a server and then invokes methods on them.  
a) Server  
**b) Client**c) Thread  
d) Concurrent

5. The \_\_\_\_\_\_\_\_\_\_\_ layer, which provides the interface that client and server application objects use to interact with each other.  
a) Increasing  
b) Count  
c) Bit  
**d) Stub/skeleton**

6. A layer which is the binary data protocol layer.  
a) stub layer  
b) skeleton layer  
c) remote layer  
**d) transport protocol**

7. A middleware layer between the stub skeleton and transport.  
a) remote layer  
b) instruction layer  
c) reference layer  
**d) remote reference layer**

8. An object acting as a gateway for the client side.  
a) skeleton  
**b) stub**  
c) remote  
d) server

9. A gateway for the server side object.  
**a) skeleton**b) stub  
c) remote  
d) server

10. RMI uses stub and skeleton for communication with the \_\_\_\_\_\_\_\_ object.  
a) client  
**b) remote**c) server  
d) any

1. 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

2. Point out the correct statement.  
a) JumpIt is an open-source virtual appliance installation and management service  
b) Converting a virtual appliance from one platform to another is easy proposition  
**c) Nearly all major virtualization platform vendors support OVF, notably VMware, Microsoft, Oracle, and Citrix**  
d) All of the mentioned

3. Which of the following lets a Web service advertise itself in terms of a collection of endpoints?  
**a) WSDL**b) VMc  
c) SOAP  
d) All of the mentioned

4. Which of the following is a specification for multicast discovery on a LAN?  
a) WS-Agent  
**b) WS-Discovery**  
c) WS-SOAP  
d) All of the mentioned

5. Point out the wrong statement.  
a) Cloud computing arises from services available over the Internet communicating  
**b) XML-RPC uses platform-independent XML data to encode program calls that are transported over HTTP**  
c) SOAP uses JSON for its messages and uses RPC and HTTP for message passing  
d) None of the mentioned

6. \_\_\_\_\_\_\_\_\_ as a Service is a cloud computing infrastructure that creates a development environment upon which applications may be build.  
a) Infrastructure  
b) Service  
**c) Platform**d) All of the mentioned

7. \_\_\_\_\_\_\_\_\_ 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

8. Which of the following is the fundamental unit of virtualized client in an IaaS deployment?  
a) workunit  
b) workspace  
**c) workload**  
d) all of the mentioned

9. 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

10. Which of the following correctly represents cloud computing ecosystem?  
**a)**

|  |
| --- |
| **Business Process** |
| **Application Services** |
| **Platform Services** |
| **Infrastructure Services** |

b)

|  |
| --- |
| Application Process |
| Business Services |
| Platform Services |
| Infrastructure Services |

c)

|  |
| --- |
| Application Process |
| Infrastructure Services |
| Platform Services |
| Infrastructure Services |

d)

|  |
| --- |
| Business Process |
| Application Services |
| Infrastructure Services |
| Platform Services |
|  |

1. Which of the following provider rely on the virtual machine technology to deliver servers?  
   a) CaaS  
   b) AaaS  
   c) PaaS  
   **d) IaaS**
2. Point out the correct statement.  
   **a) Virtual machines are containers that are assigned specific resources**  
   b) Applications need not be mindful of how they use cloud resources  
   c) When a developer creates an application that uses a cloud service, the developer cannot attach to the appropriate service  
   d) All of the mentioned

3. Which of the following component is called hypervisor?  
a) VGM  
b) VMc  
**c) VMM**d) All of the mentioned

4. Applications such as a Web server or database server that can run on a virtual machine image are referred to as \_\_\_\_\_\_\_\_\_\_\_\_\_\_  
a) virtual server  
**b) virtual appliances**c) machine imaging  
d) all of the mentioned

5. Point out the wrong statement.  
a) Platforms represent nearly the full cloud software stack  
b) A platform in the cloud is a software layer that is used to create higher levels of service  
c) Platforms often come replete with tools and utilities to aid in application design and deployment  
**d) None of the mentioned**

6. \_\_\_\_\_\_\_\_\_ allows different operating systems to run in their own memory space.  
a) VGM  
b) VMc  
**c) VMM**  
d) All of the mentioned

7. Amazon Machine Images are virtual appliances that have been packaged to run on the grid of \_\_\_\_ nodes.  
a) Ben  
**b) Xen**  
c) Ken  
d) Zen

8. Which of the following offers virtual appliances, including ones based on Windows, all of which run on VMware Player?  
**a) Bagvapp**  
b) Jcinacio  
c) HelpdeskLive  
d) All of the mentioned

9. \_\_\_\_\_\_\_\_ offers various Linux distributions upon which you can build a virtual machine.  
a) Bagvapp  
**b) Jcinacio**c) HelpdeskLive  
d) All of the mentioned

10. \_\_\_\_\_\_\_\_\_\_ is a CPU emulator and virtual machine monitor.  
a) Imaging  
b) Parallels  
c) QEMU  
**d) None of the mentioned**

1. \_\_\_\_\_\_\_\_\_ computing refers to applications and services that run on a distributed network using virtualized resources.  
a) Distributed  
b) Cloud  
c) Soft  
d) Parallel  
View Answer

Answer: b  
Explanation: Cloud Computing applications are accessed by common Internet protocols and networking standards.

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  
View Answer

Answer: b  
Explanation: Cloud Computing is distinguished by the notion that resources are virtual and limitless and that details of the physical systems on which software runs are abstracted from the user.

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  
View Answer

Answer: b  
Explanation: Cloud computing takes the technology, services, and applications that are similar to those on the Internet and turns them into a self-service utility.

4. Which of the following is essential concept related to Cloud?  
a) Reliability  
b) Productivity  
c) Abstraction  
d) All of the mentioned  
View Answer

Answer: c  
Explanation: Cloud computing abstracts the details of system implementation from users and developers.

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  
View Answer

Answer: a  
Explanation: Issues with latency, transaction control, and in particular security and regulatory compliance are of particular concern.

6. Which of the following cloud concept is related to pooling and sharing of resources?  
a) Polymorphism  
b) Abstraction  
c) Virtualization  
d) None of the mentioned  
View Answer

Answer: c  
Explanation: Applications run on physical systems that aren’t specified, data is stored in locations that are unknown, administration of systems is outsourced to others, and access by users is ubiquitous.

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  
View Answer

Answer: a  
Explanation: The Internet offers abstraction, runs using the same set of protocols and standards, and uses the same applications and operating systems.

8. Which of the following can be identified as cloud?  
a) Web Applications  
b) Intranet  
c) Hadoop  
d) All of the mentioned  
View Answer

Answer: c  
Explanation: When an intranet becomes large enough that a diagram no longer wishes to differentiate between individual physical systems, the intranet too becomes identified as a cloud.

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  
View Answer

Answer: b  
Explanation: Cloud Computing is a new model for provisioning resources, for staging applications, and for platform-independent user access to services.

10. Which of the following is Cloud Platform by Amazon?  
a) Azure  
b) AWS  
c) Cloudera  
d) All of the mentioned  
View Answer

Answer: b  
Explanation: One of the most successful cloud-based businesses is Amazon Web Services, which is an Infrastructure as a Service offering that lets you rent virtual computers on Amazon’s own infrastructure.

1. \_\_\_\_\_\_\_\_\_ model consists of the particular types of services that you can access on a cloud computing platform.  
a) Service  
b) Deployment  
c) Application  
d) None of the mentioned  
View Answer

Answer: a  
Explanation: Service models describe the type of service that the service provider is offering.

2. Point out the correct statement.  
a) The use of the word “cloud” makes reference to the two essential concepts  
b) Cloud computing abstracts systems by pooling and sharing resources  
c) cloud computing is nothing more than the Internet  
d) All of the mentioned  
View Answer

Answer: b  
Explanation: Abstraction and Virtualization are the two essential concepts.

3. \_\_\_\_\_\_\_\_ refers to the location and management of the cloud’s infrastructure.  
a) Service  
b) Deployment  
c) Application  
d) None of the mentioned  
View Answer

Answer: b  
Explanation: The deployment model tells you where the cloud is located and for what purpose.

4. Which of the following is the deployment model?  
a) public  
b) private  
c) hybrid  
d) all of the mentioned  
View Answer

Answer: d  
Explanation: Public, private, community, and hybrid clouds are deployment models.

5. Point out the wrong statement.  
a) Cloud Computing has two distinct sets of models  
b) Amazon has built a worldwide network of datacenters to service its search engine  
c) Azure enables .NET Framework applications to run over the Internet  
d) None of the mentioned  
View Answer

Answer: b  
Explanation: Google has built mega data centres for its search engine.

6. Which of the following is best known service model?  
a) SaaS  
b) IaaS  
c) PaaS  
d) All of the mentioned  
View Answer

Answer: d  
Explanation: The best-known service models are Software as a Service, Platform as a Service, and Infrastructure as a Service—the SPI model.

7. The \_\_\_\_\_\_\_\_\_\_ model originally did not require a cloud to use virtualization to pool resources.  
a) NEFT  
b) NIST  
c) NIT  
d) All of the mentioned  
View Answer

Answer: b  
Explanation: NIST stands for National Institute of Standards and Technology.

8. \_\_\_\_\_\_\_ model attempts to categorize a cloud network based on four dimensional factors.  
a) Cloud Square  
b) Cloud Service  
c) Cloud Cube  
d) All of the mentioned  
View Answer

Answer: c  
Explanation: Cloud Cube model is mainly used for secure collaboration.

9. How many types of dimensions exists in Cloud Cube Model?  
a) 1  
b) 2  
c) 3  
d) 4  
View Answer

Answer: d  
Explanation: There are four types of dimensions in Cloud Cube.

10. Which of the following dimension is related to organization’s boundaries?  
a) Physical location of data  
b) Ownership  
c) Security boundary  
d) All of the mentioned  
View Answer

Answer: a  
Explanation: Internal (I) / External (E) determines your organization’s boundaries.

1. How many types of security boundary values exist in Cloud Cube model?  
a) 1  
b) 2  
c) 3  
d) None of the mentioned  
View Answer

Answer: b  
Explanation: There are two types depending upon network firewall.

2. Point out the correct statement.  
a) A deployment model defines the purpose of the cloud and the nature of how the cloud is located  
b) Service model defines the purpose of the cloud and the nature of how the cloud is located  
c) 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  
d) All of the mentioned  
View Answer

Answer: a  
Explanation: Four types of deployment models exist.

3. Which of the following is provided by ownership dimension of Cloud Cube Model?  
a) Proprietary  
b) Owner  
c) P  
d) All of the mentioned  
View Answer

Answer: b  
Explanation: P stands for Proprietary ownership.

4. \_\_\_\_\_\_\_\_\_\_ is a measure of whether the operation is inside or outside the security boundary or network firewall.  
a) Per  
b) P  
c) Pre  
d) All of the mentioned  
View Answer

Answer: d  
Explanation: Per stands for Perimeterised.

5. Point out the wrong statement.  
a) Public cloud may be managed by the constituent organization(s) or by a third party  
b) A community cloud may be managed by the constituent organization(s) or by a third party  
c) Private clouds may be either on- or off-premises  
d) None of the mentioned  
View Answer

Answer: a  
Explanation: The public cloud infrastructure is available for public use alternatively for a large industry group.

6. Which of the following is related to the service provided by Cloud?  
a) Sourcing  
b) Ownership  
c) Reliability  
d) AaaS  
View Answer

Answer: a  
Explanation: Insourced or Outsourced means whether the service is provided by the customer or the service provider.

7. \_\_\_\_\_\_\_\_ dimension corresponds to two different states in the eight possible cloud forms.  
a) Physical location of data  
b) Ownership  
c) Security boundary  
d) None of the mentioned  
View Answer

Answer: d  
Explanation: The sourcing dimension addresses the deliverer of the service.

8. The \_\_\_\_\_\_\_\_ cloud infrastructure is operated for the exclusive use of an organization.  
a) Public  
b) Private  
c) Community  
d) All of the mentioned  
View Answer

Answer: b  
Explanation: The cloud may be managed by that organization or a third party.

9. \_\_\_\_\_\_\_\_\_\_ cloud is one where the cloud has been organized to serve a common function or purpose.  
a) Public  
b) Private  
c) Community  
d) All of the mentioned  
View Answer

Answer: c  
Explanation: A community cloud may be managed by the constituent organization(s) or by a third party.

10. A hybrid cloud combines multiple clouds where those clouds retain their unique identities but are bound together as a unit.  
a) Public  
b) Private  
c) Community  
d) Hybrid  
View Answer

Answer: d  
Explanation: A hybrid cloud may offer standardized or proprietary access to data and applications, as well as application portability.

1. Which of the following is owned by an organization selling cloud services?  
a) Public  
b) Private  
c) Community  
d) Hybrid  
View Answer

Answer: a  
Explanation: The public cloud infrastructure is available for public use alternatively for a large industry group.

2. Point out the wrong statement.  
a) Everything from the application down to the infrastructure is the vendor’s responsibility  
b) In the deployment model, different cloud types are an expression of the manner in which infrastructure is deployed  
c) AaaS provides virtual machines, operating systems, applications, services, development frameworks, transactions, and control structures  
d) All of the mentioned  
View Answer

Answer: c  
Explanation: PaaS provides virtual machines, operating systems, applications, services, development frameworks, transactions, and control structures.

3. \_\_\_\_\_\_\_ provides virtual machines, virtual storage, virtual infrastructure, and other hardware assets.  
a) IaaS  
b) SaaS  
c) PaaS  
d) All of the mentioned  
View Answer

Answer: a  
Explanation: The IaaS service provider manages all the infrastructure, while the client is responsible for all other aspects of the deployment.

4. Which of the following provides development frameworks and control structures?  
a) IaaS  
b) SaaS  
c) PaaS  
d) All of the mentioned  
View Answer

Answer: c  
Explanation: Infrastructure as a Service (IaaS) is a form of cloud computing that provides virtualized computing resources over the Internet.

5. Point out the wrong statement.  
a) A PaaS service adds integration features, middleware, and other orchestration and choreography services to the IaaS model  
b) XaaS or ‘anything as a service’ is the delivery of IT as a Service through hybrid Cloud computing  
c) Monitoring as a Service (MaaS) is at present still an emerging piece of the Cloud jigsaw  
d) None of the mentioned  
View Answer

Answer: d  
Explanation: Monitoring as a Service provides the option to offload a large majority of those costs by having it run as a service as opposed to a fully invested in house tool.

6. \_\_\_\_\_\_\_ is a complete operating environment with applications, management, and user interface.  
a) IaaS  
b) SaaS  
c) PaaS  
d) All of the mentioned  
View Answer

Answer: b  
Explanation: In the SaaS model, the application is provided to the client through a thin client interface.

7. How many types of service model are mainly present in Cloud?  
a) 1  
b) 2  
c) 3  
d) 4  
View Answer

Answer: c  
Explanation: Three types of Service model exist.

8. The three different service models are together known as the \_\_\_\_\_ model of cloud computing.  
a) SPI  
b) SIP  
c) CPI  
d) All of the mentioned  
View Answer

Answer: a  
Explanation: Many other service models are also present.

9. CaaS stands for \_\_\_\_\_\_\_\_\_\_\_\_\_ as service.  
a) Compliance  
b) Computer  
c) Community  
d) Communication  
View Answer

Answer: d  
Explanation: Communication as a Service (CaaS), enables the consumer to utilize Enterprise level VoIP, VPNs, PBX and Unified Communications without the costly investment of purchasing, hosting and managing the infrastructure.

10. Which of the following is the IaaS service provider?  
a) EC2  
b) EC1  
c) EC10  
d) Hybrid  
View Answer

Answer: a  
Explanation: On Amazon EC2, a client would provision a computer in the form of a virtual machine image.

1. Which of the following was one of the top 5 cloud applications in 2010?  
a) Cloud backup  
b) Web applications  
c) Business applications  
d) All of the mentioned  
View Answer

Answer: d  
Explanation: Cloud computing has shifted the economics of software delivery in a manner similar to the way that music downloads have shifted the delivery of commercial music.

2. Point out the correct statement.  
a) Google’s cloud includes perhaps some 10 data centers worldwide  
b) Flipkart.com’s infrastructure was built to support elastic demand so the system could accommodate peak traffic  
c) Data centers have been sited to optimize the overall system latency  
d) All of the mentioned  
View Answer

Answer: c  
Explanation: Datacenter can Keep land costs modest and occupation unobtrusive.

3. Which of the following benefit is related to creates resources that are pooled together in a system that supports multi-tenant usage?  
a) On-demand self-service  
b) Broad network access  
c) Resource pooling  
d) All of the mentioned  
View Answer

Answer: a  
Explanation: A cloud service provider creates resources that are pooled together in a system that supports multi-tenant usage.

4. The \_\_\_\_\_ is something that you can obtain under contract from your vendor.  
a) PoS  
b) QoS  
c) SoS  
d) All of the mentioned  
View Answer

Answer: b  
Explanation: Depending upon the type of service being offered, you may find that you do not require hardware or software licenses to implement your service.

5. Point out the wrong statement.  
a) Internet consumes roughly 1 percent of the world’s total power  
b) The cost advantages of cloud computing have enabled new software vendors to create productivity applications  
c) A client can provision computer resources without the need for interaction with cloud service provider personnel  
d) None of the mentioned  
View Answer

Answer: a  
Explanation: Data centers have been sited to have access to low cost power.

6. All cloud computing applications suffer from the inherent \_\_\_\_\_\_\_ that is intrinsic in their WAN connectivity.  
a) propagation  
b) latency  
c) noise  
d) all of the mentioned  
View Answer

Answer: b  
Explanation: While cloud computing applications excel at large-scale processing tasks, if your application needs large amounts of data transfer, cloud computing may not be the best model for you.

7. Cloud computing is a \_\_\_\_\_\_\_ system and it is necessarily unidirectional in nature.  
a) stateless  
b) stateful  
c) reliable  
d) all of the mentioned  
View Answer

Answer: a  
Explanation: Cloud computing is a stateless system, as is the Internet in general.

8. Which of the following is the most important area of concern in cloud computing?  
a) Security  
b) Storage  
c) Scalability  
d) All of the mentioned  
View Answer

Answer: a  
Explanation: When your data travels over and rests on systems that are no longer under your control, you have increased risk due to the interception and malfeasance of others.

9. You can’t count on a cloud provider maintaining your \_\_\_\_\_ in the face of government actions.  
a) scalability  
b) reliability  
c) privacy  
d) none of the mentioned  
View Answer

Answer: c  
Explanation: Cloud computing industry continues to address security concerns.

10. Which of the following architectural standards is working with cloud computing industry?  
a) Service-oriented architecture  
b) Standardized Web services  
c) Web-application frameworks  
d) All of the mentioned  
View Answer

Answer: a  
Explanation: These standards help to enable different business models that cloud computing vendors can support, most notably Software as a Service (SaaS), Web 2.0 applications, and utility computing.

1. Which of the following is one of the unique attributes of Cloud Computing?  
a) utility type of delivery  
b) elasticity  
c) low barrier to entry  
d) all of the mentioned  
View Answer

Answer: d  
Explanation: These attributes change how applications are created, priced, and delivered.

2. Point out the correct statement.  
a) Service Level Agreements (SLAs) is small aspect of cloud computing  
b) Cloud computing does not have impact on software licensing  
c) Cloud computing presents new opportunities to users and developers  
d) All of the mentioned  
View Answer

Answer: c  
Explanation: Because it is based on the paradigm of a shared multi-tenant utility.

3. Applications that work with cloud computing that have low margins and usually low risk are \_\_\_\_\_\_\_\_\_\_\_\_\_  
a) high touch  
b) low touch  
c) moderate touch  
d) all of the mentioned  
View Answer

Answer: b  
Explanation: The “high touch” applications that come with high margins require committed resources and pose more of a risk.

4. A service that concentrates on hardware follows the \_\_\_\_\_\_\_\_\_ as a Service model.  
a) IaaS  
b) CaaS  
c) PaaS  
d) All of the mentioned  
View Answer

Answer: a  
Explanation: Amazon web service follows PaaS model.

5. Point out the wrong statement.  
a) A cloud is defined as the combination of the infrastructure of a datacenter with the ability to provision hardware and software  
b) High touch applications are best done on-premises  
c) The Google App Engine follows IaaS  
d) None of the mentioned  
View Answer

Answer: c  
Explanation: The Google App Engine follows PaaS.

6. When you add a software stack, such as an operating system and applications to the service, the model shifts to \_\_\_\_\_ model.  
a) SaaS  
b) PaaS  
c) IaaS  
d) All of the mentioned  
View Answer

Answer: a  
Explanation: Microsoft’s Windows Azure Platform is best described as currently using SaaS model.

7. Which of the following is the most refined and restrictive service model?  
a) IaaS  
b) CaaS  
c) PaaS  
d) All of the mentioned  
View Answer

Answer: c  
Explanation: When the service requires the client to use a complete hardware/software/application stack, it is using the most refined and restrictive service model.

8. \_\_\_\_\_\_\_ is a pay-as-you-go model matches resources to need on an ongoing basis.  
a) Utility  
b) Elasticity  
c) Low barrier to entry  
d) All of the mentioned  
View Answer

Answer: a  
Explanation: This eliminates waste and has the added benefit of shifting risk from the client.

9. \_\_\_\_\_\_\_ feature allows you to optimize your system and capture all possible transactions.  
a) scalability  
b) reliability  
c) elasticity  
d) none of the mentioned  
View Answer

Answer: c  
Explanation: You have the ability to right-size resources as required.

10. \_\_\_\_\_\_\_ enables batch processing, which greatly speeds up high-processing applications.  
a) Scalability  
b) Reliability  
c) Elasticity  
d) Utility  
View Answer

Answer: a  
Explanation: This feature obviates the need for planning and provisioning.

1. \_\_\_\_\_\_ 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  
View Answer

Answer: b  
Explanation: PaaS tool is a fully integrated development environment.

2. 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  
View Answer

Answer: b  
Explanation: PaaS systems support standards such as HTML, JavaScript, or other rich media technologies.

3. Which of the following is associated with considerable vendor lock-in?  
a) PaaS  
b) IaaS  
c) CaaS  
d) SaaS  
View Answer

Answer: a  
Explanation: The difficulty with PaaS is that it locks the developer (and the customer) into a solution that is dependent upon the platform vendor.

4. \_\_\_\_\_\_\_\_\_ serves as a PaaS vendor within Google App Engine system.  
a) Google  
b) Amazon  
c) Microsoft  
d) All of the mentioned  
View Answer

Answer: a  
Explanation: Google offers many of its Web service applications to customers as part of this service model.

5. 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  
View Answer

Answer: c  
Explanation: The customer is responsible only for his interaction with the platform.

6. Which of the following can be considered PaaS offering?  
a) Google Maps  
b) Gmail  
c) Google Earth  
d) All of the mentioned  
View Answer

Answer: a  
Explanation: The vendor of the PaaS solution is in most cases the developer, who is offering a complete solution to the customer.

7. \_\_\_\_\_\_\_\_\_\_ is the most refined and restrictive service model.  
a) IaaS  
b) CaaS  
c) PaaS  
d) All of the mentioned  
View Answer

Answer: c  
Explanation: When the service requires the client to use a complete hardware/software/application stack, it is using the most refined and restrictive service model.

8. \_\_\_\_\_\_\_ provides virtual machines, virtual storage, virtual infrastructure, and other hardware assets.  
a) IaaS  
b) SaaS  
c) PaaS  
d) All of the mentioned  
View Answer

Answer: a  
Explanation: The IaaS service provider manages all the infrastructure, while the client is responsible for all other aspects of the deployment.

9. Amazon Web Services offers a classic Service Oriented Architecture (SOA) approach to \_\_\_\_\_\_\_\_\_\_\_\_\_\_  
a) IaaS  
b) SaaS  
c) PaaS  
d) All of the mentioned  
View Answer

Answer: c  
Explanation: In AWS, the CCS is the AWS Management Console.

10. Rackspace Cloud Service is an example of \_\_\_\_\_\_\_\_\_\_\_\_\_  
a) IaaS  
b) SaaS  
c) PaaS  
d) All of the mentioned  
View Answer

Answer: a  
Explanation: Unlike other cloud providers, Rackspace only offers managed solutions.

1. Which of the following is the most complete cloud computing service model?  
a) PaaS  
b) IaaS  
c) CaaS  
d) SaaS  
View Answer

Answer: d  
Explanation: The most complete cloud computing service model is one in which the computing hardware and software, as well as the solution itself, are provided by a vendor as a complete service offering.

2. 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  
View Answer

Answer: d  
Explanation: SaaS can be accessed globally over the Internet, most often in a browser.

3. Which of the following aspect of the service is abstracted away?  
a) Data escrow  
b) User Interaction  
c) Adoption drivers  
d) None of the mentioned  
View Answer

Answer: b  
Explanation: With the exception of the user interaction with the software, all other aspects of the service are abstracted away.

4. Which of the following SaaS platform is with an exposed API?  
a) salesforce.com  
b) amazon.com  
c) flipkart.com  
d) all of the mentioned  
View Answer

Answer: a  
Explanation: SaaS does not necessarily mean that the software is static or monolithic.

5. 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 not customizable  
d) None of the mentioned  
View Answer

Answer: d  
Explanation: Every computer user is familiar with SaaS systems, which are either replacements or substitutes for locally installed software.

6. Which of the following is a SaaS characteristic?  
a) The typical license is subscription-based or usage-based and is billed on a recurring basis  
b) The software is available over the Internet globally through a browser on demand  
c) The software and the service are monitored and maintained by the vendor  
d) All of the mentioned  
View Answer

Answer: d  
Explanation: There may be executable client-side code, but the user isn’t responsible for maintaining that code or its interaction with the service.

7. \_\_\_\_\_\_\_\_\_ applications have a much lower barrier to entry than their locally installed competitors.  
a) IaaS  
b) CaaS  
c) PaaS  
d) None of the mentioned  
View Answer

Answer: d  
Explanation: Such applications feature automated upgrades, updates, and patch management and much faster rollout of changes.

8. SaaS supports multiple users and provides a shared data model through \_\_\_\_\_\_\_\_\_ model.  
a) single-tenancy  
b) multi-tenancy  
c) multiple-instance  
d) all of the mentioned  
View Answer

Answer: b  
Explanation: The alternative of software virtualization of individual instances also exists, but is less common.

9. Open source software used in a SaaS is called \_\_\_\_\_\_\_ SaaS.  
a) closed  
b) free  
c) open  
d) all of the mentioned  
View Answer

Answer: c  
Explanation: A considerable amount of SaaS software is based on open source software.

10. The componentized nature of SaaS solutions enables many solutions to support a feature called \_\_\_\_\_\_\_\_\_\_\_\_\_  
a) workspace  
b) workloads  
c) mashups  
d) all of the mentioned  
View Answer

Answer: c  
Explanation: A mashup is an application that can display a Web page that shows data and supports features from two or more sources.

1. Salesforce.com is the largest \_\_\_\_\_\_ provider of CRM software.  
a) PaaS  
b) IaaS  
c) CaaS  
d) SaaS  
View Answer

Answer: d  
Explanation: Salesforce.com extended its SaaS offering to allow developers to create add-on applications.

2. Point out the correct statement.  
a) Mashups are an incredibly useful hybrid Web application  
b) SaaS will eventually replace all locally installed software  
c) The establishment and proof of identity is a central network function  
d) All of the mentioned  
View Answer

Answer: d  
Explanation: An identity service is one that stores the information associated with a digital entity in a form that can be queried and managed for use in electronic transactions.

3. Which of the following group is dedicated to support technologies that implement enterprise mashups?  
a) Open Alliance Apache  
b) Open Mashup Alliance  
c) Open Tech Alliance  
d) None of the mentioned  
View Answer

Answer: b  
Explanation: This group predicts that the use of mashups will grow by a factor of 10 within just a few years.

4. Which of the following attribute should be unique?  
a) identity  
b) digital identity  
c) mashup  
d) all of the mentioned  
View Answer

Answer: b  
Explanation: A digital identity is those attributes and metadata of an object along with a set of relationships with other objects that makes an object identifiable.

5. Point out the wrong statement.  
a) Distributed transaction systems such as internetworks or cloud computing systems magnify the difficulties faced by identity management systems  
b) Services that provide digital identity management as a service have been part of internetworked systems from Day One  
c) IDaaS Server establishes the identity of a domain as belonging to a set of assigned addresses  
d) None of the mentioned  
View Answer

Answer: c  
Explanation: The name servers that run the various Internet domains are IDaaS servers.

6. \_\_\_\_\_\_\_\_\_\_ authentication requires the outside use of a network security or trust service.  
a) SSO  
b) Singlefactor  
c) Multi Factor  
d) All of the mentioned  
View Answer

Answer: c  
Explanation: More secure authentication requires the use of at least two-factor authentication.

7. \_\_\_\_\_\_\_\_ is the assignment of a network identity to a specific MAC address that allows systems to be found on networks.  
a) Internet Hardware Addresses  
b) Ethernet Software Addresses  
c) Ethernet Hardware Addresses  
d) None of the mentioned  
View Answer

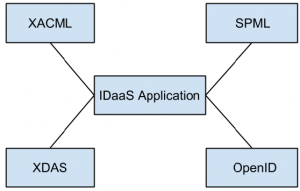
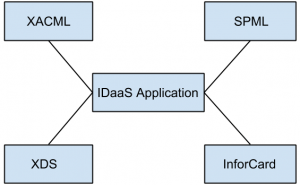
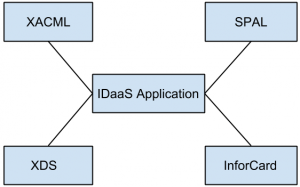
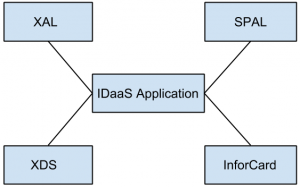
Answer: c  
Explanation: Network interfaces are identified uniquely by Media Access Control (MAC) addresses, which alternatively are referred to as Ethernet Hardware Addresses.

8. \_\_\_\_\_\_\_\_\_ is one of the more expensive and complex areas of network computing.  
a) Multi-Factor Authentication  
b) Fault tolerance  
c) Identity protection  
d) All of the mentioned  
View Answer

Answer: c  
Explanation: Ticket or token providing services, certificate servers, and other trust mechanisms all provide identity services that can be pushed out of private networks and into the cloud.

9. Which of the following is provided by Identity as a Service?  
a) Identity governance  
b) Provisioning  
c) Risk and event monitoring  
d) All of the mentioned  
View Answer

Answer: d  
Explanation: Identity as a Service or the related hosted (managed) identity services may be the most valuable and cost effective distributed service types you can subscribe to.

10. Which of the following figure fully represent standards needed by IDaaS applications for interoperability?  
a)[](https://www.sanfoundry.com/wp-content/uploads/2015/10/cloud-computing-idaas-interview-questions-answers-q10a.png)  
b) [](https://www.sanfoundry.com/wp-content/uploads/2015/10/cloud-computing-idaas-interview-questions-answers-q10b.png)  
c)[](https://www.sanfoundry.com/wp-content/uploads/2015/10/cloud-computing-idaas-interview-questions-answers-q10c.png)  
d) [](https://www.sanfoundry.com/wp-content/uploads/2015/10/cloud-computing-idaas-interview-questions-answers-q10d.png)  
View Answer

Answer: a  
Explanation: Cloud computing IDaaS applications must rely on a set of developing industry standards to provide interoperability.

1. Any software application that complies with the standard accepts a \_\_\_\_\_\_\_ that is authenticated by a trusted provider.  
a) OpenID  
b) OpenUser  
c) OpenSSD  
d) None of the mentioned  
View Answer

Answer: a  
Explanation: When an identity is created in an OpenID system, that information is stored in the system of any OpenID service provider and translated into a unique identifier.

2. Point out the wrong statement.  
a) XML checks the ID request against its policies and either allows or denies the request  
b) SPML in most instances operates as a reply/request mechanism  
c) User centric authentication takes place usually in the form of knowledge cards  
d) All of the mentioned  
View Answer

Answer: b  
Explanation: In SAML, a service provider passes a statement or set of statements (called assertions) to an identity provider that must be evaluated.

3. Which of the following allows a distributed ID system to write and enforce custom policy expressions?  
a) XACML  
b) XML  
c) SOAP  
d) None of the mentioned  
View Answer

Answer: a  
Explanation: This is a general-purpose authorization policy language.

4. \_\_\_\_\_\_\_\_\_ is a standard of OASIS’s PSTC that conforms to the SOA architecture.  
a) XACML  
b) SPML  
c) SML  
d) All of the mentioned  
View Answer

Answer: b  
Explanation: SPML is an XML request/response language that is used to integrate and interoperate service provisioning requests.

5. Point out the wrong statement.  
a) Distributed transaction systems such as internetworks or cloud computing systems magnify the difficulties faced by identity management systems  
b) The Distributed Audit Service provides accountability for users accessing a system  
c) The OpenID and CardSpace specifications support the authentication type of data object  
d) None of the mentioned  
View Answer

Answer: c  
Explanation: OpenID is a developing industry standard for authenticating “end users” by storing their digital identity in a common format.

6. Which of the following standard is concerned with the exchange and control of identity information?  
a) IGK  
b) IDF  
c) IGF  
d) All of the mentioned  
View Answer

Answer: c  
Explanation: The Identity Governance Framework (IGF) is a standards initiative of the Liberty Alliance.

7. \_\_\_\_\_\_\_ is a Microsoft software client that is part of the company’s Identity Metasystem and built into the Web Services Protocol Stack.  
a) IHA  
b) EHA  
c) CardSpace  
d) None of the mentioned  
View Answer

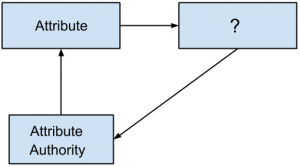
Answer: c  
Explanation: CardSpace was introduced with .NET Frameworks 3.0 and can be installed on Windows XP, Server 2003, and later.

8. The \_\_\_\_\_\_\_ Open Source Identity Framework is used to create a vendor-neutral cloud-based authentication service.  
a) Higgins  
b) Hughes  
c) Hinges  
d) All of the mentioned  
View Answer

Answer: a  
Explanation: The Higgins Open Source Identity Framework uses an i-Card metaphor.

9. Which of the following is authorization markup language?  
a) eXtensible Access Control Markup Language  
b) intrinsic Access Control Markup Language  
c) hypertext Access Control Markup Language  
d) all of the mentioned  
View Answer

Answer: a  
Explanation: A policy in XACML describes a subject element that requests an action from a resource.

10. Which of the following should come in place of question mark for the following figure?  
[](https://www.sanfoundry.com/wp-content/uploads/2015/10/cloud-computing-interview-questions-answers-experienced-q10.png)  
a) Policy Enforcement Point  
b) Policy Decision Point  
c) Policy Insertion Point  
d) All of the mentioned  
View Answer

Answer: b  
Explanation: SAML integrates with XACML to implement a policy engine in a Service Oriented Architecture to support identity services authorization.

1. Which of the following is an example of a vertical cloud that advertise CaaS capabilities?  
a) FedCloud  
b) ClearPoint PCI  
c) Rackserve PCI  
d) All of the mentioned  
View Answer

Answer: d  
Explanation: It’s much easier to envisage a CaaS system built inside a private cloud where the data is under the control of a single entity.

2. Point out the wrong statement.  
a) SPML is used to prepare Web services and applications for use  
b) With SPML, a system can provide automated user and system access  
c) Without a provisioning system, a cloud computing system can be very efficient and potentially reliable  
d) All of the mentioned  
View Answer

Answer: c  
Explanation: Without a provisioning system, a cloud computing system can be very inefficient and potentially unreliable.

3. Which of the following allows a distributed ID system to write and enforce custom policy expressions?  
a) XACML  
b) XML  
c) SOAP  
d) None of the mentioned  
View Answer

Answer: a  
Explanation: This is a general-purpose authorization policy language.

4. Which of the following is a man-in-the-middle type of service?  
a) CaaS  
b) IaaS  
c) AaaS  
d) All of the mentioned  
View Answer

Answer: a  
Explanation: A CaaS would need to be able to manage cloud relationships, understand security policies and procedures.

5. Point out the correct statement.  
a) Cloud computing by its very nature spans same jurisdictions  
b) SaaS is much more than simply providing an anonymous service token to an identity  
c) A Compliance as a Service application would need to serve as a trusted third party  
d) All of the mentioned  
View Answer

Answer: c  
Explanation: CaaS may need to be architected as its own layer of an SOA architecture in order to be trusted.

6. Which of the following can be used for the banking industry?  
a) athenahealth  
b) bankserve  
c) bankingsol  
d) all of the mentioned  
View Answer

Answer: b  
Explanation: Athenahealth is used for the medical industry.

7. \_\_\_\_\_\_\_\_ 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  
View Answer

Answer: a  
Explanation: Most of the cloud computing compliance systems to date have been built using private clouds.

8. Which of the following is a PCI CaaS service?  
a) FedCloud  
b) ClearSoln  
c) Rackserve PCI  
d) All of the mentioned  
View Answer

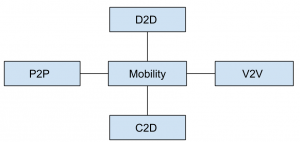
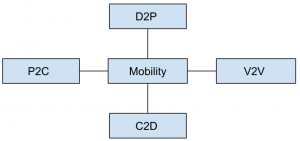
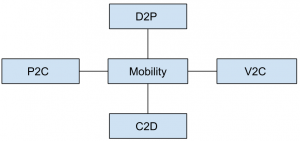
Answer: c  
Explanation: FedCloud is used for government.

9. \_\_\_\_\_\_\_\_\_ 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  
View Answer

Answer: a  
Explanation: Organizations can manage PCI compliance risk more effectively with the help of ClearPoint PCI.

10. \_\_\_\_\_\_\_\_ as a Service is a development environment that builds upon an existing cloud computing application infrastructure.  
a) Software  
b) Platform  
c) Analytics  
d) Compliance  
View Answer

Answer: b  
Explanation: Service types are models upon which distributed applications are created and hosted.

1. Which of the following correctly represents different types of mobile patterns?  
a) [](https://www.sanfoundry.com/wp-content/uploads/2015/10/cloud-computing-questions-answers-virtualization-technologies-q1a.png)  
b) [](https://www.sanfoundry.com/wp-content/uploads/2015/10/cloud-computing-questions-answers-virtualization-technologies-q1b.png)  
c) [](https://www.sanfoundry.com/wp-content/uploads/2015/10/cloud-computing-questions-answers-virtualization-technologies-q1c.png)  
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

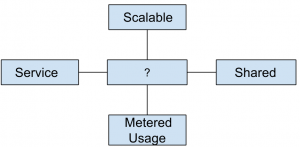
Answer: d  
Explanation: Load balancing provides the necessary redundancy to make an intrinsically unreliable system reliable through managed redirection.

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

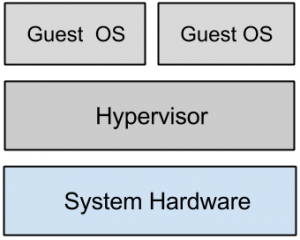
Answer: a  
Explanation: They determine the current utilization of the resources in their pool.

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?  
[](https://www.sanfoundry.com/wp-content/uploads/2015/10/cloud-computing-questions-answers-virtualization-technologies-q10.png)  
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

1. Which type of Hypervisor is shown in the following figure?  
[](https://www.sanfoundry.com/wp-content/uploads/2015/10/cloud-computing-questions-answers-hypervisors-1-q1.png)  
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.

2. 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.

3. 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.

4. 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.

5. 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.

6. 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.

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

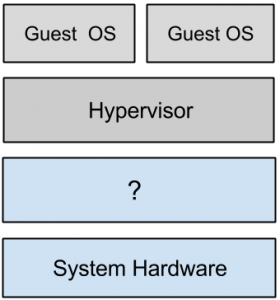
Answer: d  
Explanation: Type 1 VMs have no host operating system because they are installed on a bare system.

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

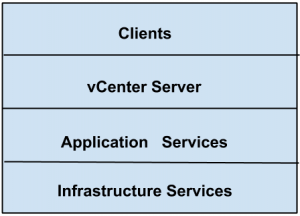
Answer: c  
Explanation: Xen is used by Amazon Web Services to provide Amazon Machine Instances (AMIs).

9. 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.

10. Which of the following should be placed in second lowermost layer for the following figure?  
[](https://www.sanfoundry.com/wp-content/uploads/2015/10/cloud-computing-questions-answers-hypervisors-1-q10.png)  
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

1. What does the following figure represent?  
[](https://www.sanfoundry.com/wp-content/uploads/2015/10/cloud-computing-test-q1.png)  
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.

2. 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.

3. 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.

4. 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.

5. 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.

6. 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.

7. 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.

8. 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.

9. \_\_\_\_\_\_\_\_\_ 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.

10. 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.

1. Application frameworks provide a means for creating \_\_\_\_\_\_\_\_ hosted applications using IDE.  
a) PaaS  
b) SaaS  
c) CaaS  
d) All of the mentioned  
View Answer

Answer: b  
Explanation: PaaS IDEs run the gamut from a tool that requires a dedicated programming staff to create and run to point-and-click graphical interfaces.

2. Point out the correct statement.  
a) Drupal is used in major Web sites and organizes vast amounts of information  
b) Fourspace is often associated with blogging tools  
c) FourSquare works with photos, imports information from other social tools, and allows very attractive Web sites to be created by average users  
d) All of the mentioned  
View Answer

Answer: a  
Explanation: Drupal is extensively used and has broad industry impact, and it is a full-strength developer tool.

3. Which of the following is based on the notion of information management and organization?  
a) CMS  
b) DMS  
c) MIS  
d) All of the mentioned  
View Answer

Answer: a  
Explanation: Notion of a Web site as a CMS adds a number of special features to the concept that includes rich user interaction, multiple data sources and extensive customization.

4. Which of the following environment best describes WorkXpress?  
a) 3GL  
b) 4GL  
c) 5GL  
d) None of the mentioned  
View Answer

Answer: c  
Explanation: 5GL environments have no programming requirement and you can host your application anywhere.

5. Point out the wrong statement related to the common characteristics of SOA.  
a) They separate data-handling from presentation (user interface)  
b) They support the incorporation of business rules, logic, and actions  
c) They support packaging and deployment of applications  
d) None of the mentioned  
View Answer

Answer: d  
Explanation: These services differ in which language they use, support for different rendering technologies, and in other features.

6. Which of the following module feature is provided by Drupal CMS?  
a) Traffic management  
b) OpenID authentication  
c) User interface creation tools  
d) All of the mentioned  
View Answer

Answer: d  
Explanation: The Drupal core by itself contains a number of modules.

7. Which of the following programming language solves problems by acting on constraints and inputs?  
a) 3GL  
b) 4GL  
c) 5GL  
d) None of the mentioned  
View Answer

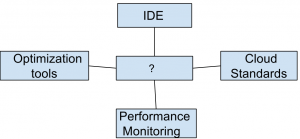
Answer: c  
Explanation: Force.com uses a 4GL programming language environment.

8. \_\_\_\_\_\_\_\_\_\_\_ PaaS application delivery platform creates SOA applications that work on several different IaaS vendors.  
a) AppOne  
b) Eccentex AppBase  
c) Ez Publish  
d) All of the mentioned  
View Answer

Answer: b  
Explanation: Eccentex is a Culver City, California, company founded in 2005 that has a PaaS development platform for Web applications.

9. Which of the following AppBase tool allows you to assign access rights to different objects in the system?  
a) Security Roles Management  
b) Dashboard Designer  
c) Report Builder  
d) All of the mentioned  
View Answer

Answer: a  
Explanation: Security roles can be assigned in groups without users, and users can be added later as the application is deployed.

10. Which of the following should be replaced with question mark in the figure?  
[](https://www.sanfoundry.com/wp-content/uploads/2015/10/cloud-computing-questions-answers-paas-application-frameworks-1-q10.png)  
a) CaaS  
b) SaaS  
c) IaaS  
d) None of the mentioned  
View Answer

Answer: b  
Explanation: A good PaaS system has certain desirable characteristics that are important in developing robust, scalable, and hopefully portable applications.

1. Which of the following layer of Wolf platform architecture is depicted in the following figure?  
[cloud-computing-quiz-q1](https://www.sanfoundry.com/wp-content/uploads/2015/10/cloud-computing-quiz-q1.png)  
a) upper  
b) middle  
c) lower  
d) all of the mentioned  
View Answer

Answer: c  
Explanation: In Wolf, the data and transaction management conforms to the business rules you create.

2. Point out the correct statement.  
a) SquareSpace is used in major Websites and organizes vast amounts of information  
b) LongJump creates browser-based Web applications that are database-enabled  
c) LongJump extends Python and uses a Model-View-Controller architecture (MVC) for its framework  
d) All of the mentioned  
View Answer

Answer: b  
Explanation: LongJump comes with an Object Model Viewer.

3. Which of the following instrumentation tool displays the real-time parameters of your application in a visual form in AppBase?  
a) Security Roles Management  
b) Dashboard Designer  
c) Report Builder  
d) All of the mentioned  
View Answer

Answer: b  
Explanation: Applications that you create are deployed with the AppBase Application Revision Management console.

4. Which of the following lets you sort, aggregate, display, and format report information based on the data in your application?  
a) Presentation Builder  
b) Dashboard Designer  
c) Report Builder  
d) Business Objects Build  
View Answer

Answer: c  
Explanation: The applications you create in AppBase may be integrated with Amazon S3 Web Services (storage).

5. Point out the wrong statement.  
a) LongJump comes with a security policy engine that has user and group privileges  
b) Squarespace lets you create beautiful hosted Websites with a variety of capabilities with visual tools alone  
c) LongJump is WYSIWYG editor  
d) None of the mentioned  
View Answer

Answer: c  
Explanation: The applications are built using visual tools and deployed on the hosted infrastructure.

6. Which of the following object database has the ability to create rich data objects and create relationships between them?  
a) Presentation Builder  
b) Business Objects Build  
c) Business Process Designer  
d) All of the mentioned  
View Answer

Answer: b  
Explanation: Presentation builder allows you to drag and drop visual controls for creating Web forms and data entry screens and to include the logic necessary to automate what the user sees.

7. Which of the following technologies are used in LongJump’s PaaS?  
a) REST  
b) SOAP  
c) Java  
d) All of the mentioned  
View Answer

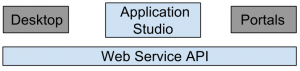
Answer: d  
Explanation: Its development environment is based on Java and uses REST/SOAP APIs.

8. Which of the following is a WYSIWYG web builder?  
a) WaveMaker  
b) Eccentex AppBase  
c) Ez Publish  
d) All of the mentioned  
View Answer

Answer: a  
Explanation: WaveMaker is a visual rapid application development environment for creating Java-based Web and cloud Ajax applications.

9. \_\_\_\_\_\_\_\_\_\_\_ tool is used to create business logic for your application.  
a) Presentation Builder  
b) Business Objects Build  
c) Business Process Designer  
d) All of the mentioned  
View Answer

Answer: c  
Explanation: With it, you can manage workflow, integrate modules, create rules, and validate data.

10. Which of the following architecture is shown in the following figure?  
[](https://www.sanfoundry.com/wp-content/uploads/2015/10/cloud-computing-quiz-q10.png)  
a) AppOne  
b) AppBase  
c) AppSquare  
d) All of the mentioned  
View Answer

Answer: b  
Explanation: AppBase includes a set of different tools for building applications.

1. Which does C in FCAPS stand for?  
a) Consistency  
b) Contact  
c) Configuration  
d) None of the mentioned  
View Answer

Answer: c  
Explanation: Your management responsibilities depend on the particular service model for your cloud deployment.

2. 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  
View Answer

Answer: d  
Explanation: Framework products are being re-positioned to work with cloud systems.

3. 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  
View Answer

Answer: c  
Explanation: SMI stands for Service Measurement Index.

4. Which of the following is not the feature of Network management systems?  
a) Accounting  
b) Security  
c) Performance  
d) None of the mentioned  
View Answer

Answer: d  
Explanation: Most network management packages have one or more of these characteristics.

5. 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  
View Answer

Answer: d  
Explanation: The lifecycle of a cloud application includes six defined parts, and each must be managed.

6. Which of the following package provides all five elements of FCAPS?  
a) FrameIt  
b) RackStar  
c) Unicenter  
d) None of the mentioned  
View Answer

Answer: d  
Explanation: No single package provides all five elements of FCAPS.

7. \_\_\_\_\_\_\_\_\_\_\_ is a framework tool for managing cloud infrastructure.  
a) IBM Tivoli Service Automation Manager  
b) Microsoft Tivoli Service Automation Manager  
c) Google Service Automation Manager  
d) Windows Live Hotmail  
View Answer

Answer: a  
Explanation: Tivoli Service Automation Manager lets you create and stage cloud-based servers.

8. Which of the following “cloudly” characteristics that cloud management service must have?  
a) Billing is on a pay-as-you-go basis  
b) The management service is extremely scalable  
c) The management service is ubiquitous  
d) All of the mentioned  
View Answer

Answer: d  
Explanation: Communication between the cloud and other systems uses cloud networking standards.

9. How many categories need to be monitored for entire cloud computing?  
a) 1  
b) 2  
c) 4  
d) None of the mentioned  
View Answer

Answer: d  
Explanation: To monitor an entire cloud computing deployment stack, you monitor six different categories.

10. Which of the following is a standard protocol for network monitoring and discovery?  
a) SNMP  
b) CMDB  
c) WMI  
d) All of the mentioned  
View Answer

Answer: d  
Explanation: WMI stands for Windows Management Instrumentation (WMI)

1. When you deploy an application on Google’s PaaS App Engine cloud service, the Administration Console provides you with the which of the following monitoring capabilities?  
a) View data and error logs  
b) Analyze your network traffic  
c) View the application’s scheduled tasks  
d) All of the mentioned  
View Answer

Answer: d  
Explanation: However, you have almost no operational control.

2. Point out the wrong statement.  
a) In the cloud, the particular service model you are using directly affects the type of monitoring you are responsible for  
b) In AaaS, you can alter aspects of your deployment  
c) You can monitor your usage of resources through Amazon CloudWatch  
d) None of the mentioned  
View Answer

Answer: b  
Explanation: In IaaS, you can alter aspects of your deployment.

3. Which of the following provides tools for managing Windows servers and desktops?  
a) Microsoft System Center  
b) System Service  
c) System Cloud  
d) All of the mentioned  
View Answer

Answer: a  
Explanation: Microsoft System Center is an example of how management products are being adapted for the cloud.

4. Which of the following is not a phase of cloud lifecycle management?  
a) The definition of the service as a template for creating instances  
b) Client interactions with the service  
c) Management of the operation of instances and routine maintenance  
d) None of the mentioned  
View Answer

Answer: d  
Explanation: A management program has to touch on each of the six different stages in that lifecycle.

5. Point out the wrong statement.  
a) Google App Engine lets you deploy the application and monitor it  
b) From the standpoint of the client, a cloud service provider is different than any other networked service  
c) The full range of network management capabilities may be brought to bear to solve mobile, desktop, and local server issues  
d) All of the mentioned  
View Answer

Answer: b  
Explanation: From the standpoint of the client, a cloud service provider is different than any other networked service.

6. Which of the following is the Virtual machine conversion cloud?  
a) BMC Cloud Computing Initiative  
b) Amazon CloudWatch  
c) AbiCloud  
d) None of the mentioned  
View Answer

Answer: c  
Explanation: BMC Cloud Computing Initiative is used for Cloud planning, lifecycle management, optimization, and guidance.

7. \_\_\_\_\_\_\_ is Microsoft’s cloud-based management service for Windows systems.  
a) Intune  
b) Utunes  
c) Outtunes  
d) Windows Live Hotmail  
View Answer

Answer: a  
Explanation: The management services include an Operations Manager, the Windows Service Update Service (WSUS), a Configuration Manager for asset management, a Data Protection Manager, and a Virtual Machine Manager, among other components.

8. Which of the following is a virtualization provisioning system that will be rolled into Dell’s AIM?  
a) Dell Scalent  
b) CloudKick  
c) Elastra  
d) All of the mentioned  
View Answer

Answer: a  
Explanation: AIM stands for Advanced Infrastructure Manager.

9. Which of the following is used for Web site monitoring and analytics?  
a) Gomez  
b) Ganglia  
c) Elastra  
d) None of the mentioned  
View Answer

Answer: a  
Explanation: Ganglia is a distributed network monitoring software.

10. Which of the following is used for performance management for virtualized Java Apps with VMware integration?  
a) Hyperic  
b) Internetseer  
c) RightScale  
d) All of the mentioned  
View Answer

Answer: a  
Explanation: Internetseer is a Web site monitoring service.

1. Which of the following service provider provides the least amount of built in security?  
a) SaaS  
b) PaaS  
c) IaaS  
d) All of the mentioned  
View Answer

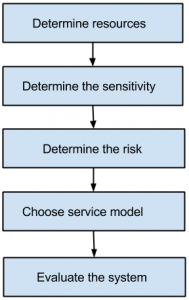
Answer: c  
Explanation: You get the least amount of built in security with an Infrastructure as a Service provider, and the most with a Software as a Service provider.

2. Point out the correct statement.  
a) Different types of cloud computing service models provide different levels of security services  
b) Adapting your on-premises systems to a cloud model requires that you determine what security mechanisms are required and mapping those to controls that exist in your chosen cloud service provider  
c) Data should be transferred and stored in an encrypted format for security purpose  
d) All of the mentioned  
View Answer

Answer: d  
Explanation: When you identify missing security elements in the cloud, you can use mapping to work to close the gap.

3. Which of the following services that need to be negotiated in Service Level Agreements?  
a) Logging  
b) Auditing  
c) Regulatory compliance  
d) All of the mentioned  
View Answer

Answer: d  
Explanation: Logging, auditing, and regulatory compliance are all features that require planning in cloud computing systems.

4. The following flowchart is intended to evaluate \_\_\_\_\_\_\_\_\_\_ in any cloud.  
[](https://www.sanfoundry.com/wp-content/uploads/2015/10/cloud-computing-questions-answers-cloud-security-q4.png)  
a) risk  
b) errors  
c) inconsistencies  
d) none of the mentioned  
View Answer

Answer: a  
Explanation: Your risks in any cloud deployment are dependent upon the particular cloud service model chosen and the type of cloud on which you deploy your applications.

5. Point out the wrong statement.  
a) You can use proxy and brokerage services to separate clients from direct access to shared cloud storage  
b) Any distributed application has a much greater attack surface than an application that is closely held on a Local Area Network  
c) Cloud computing doesn’t have vulnerabilities associated with Internet applications  
d) All of the mentioned  
View Answer

Answer: c  
Explanation: Additional vulnerabilities arise from pooled, virtualized, and outsourced resources.

6. Which of the following area of cloud computing is uniquely troublesome?  
a) Auditing  
b) Data integrity  
c) e-Discovery for legal compliance  
d) All of the mentioned  
View Answer

Answer: d  
Explanation: Storing data in the cloud is of particular concern.

7. Which of the following is the operational domain of CSA?  
a) Scalability  
b) Portability and interoperability  
c) Flexibility  
d) None of the mentioned  
View Answer

Answer: b  
Explanation: CSA is an industry working group that studies security issues in cloud computing and offers recommendations to its members.

8. 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  
View Answer

Answer: a  
Explanation: Multi-tenancy adds a number of additional security concerns to cloud computing that need to be accounted for.

9. Which of the following is used for Web performance management and load testing?  
a) VMware Hyperic  
b) Webmetrics  
c) Univa UD  
d) Tapinsystems  
View Answer

Answer: b  
Explanation: CA Cloud Insight is a cloud metrics measurement service.

10. Which of the following is application and infrastructure management software for hybrid multi-clouds?  
a) VMware Hyperic  
b) Webmetrics  
c) Univa UD  
d) Tapinsystems  
View Answer

Answer: c  
Explanation: Tapinsystems is provisioning and management service.

1. Which of the following is a compliance standard?  
a) PCI-DSS  
b) HIPPA  
c) GLBA  
d) All of the mentioned  
View Answer

Answer: d  
Explanation: A compliance standard can be any government regulatory framework.

2. Point out the correct statement.  
a) The cloud service model you choose does not determine the variety of security features, compliance auditing, and other requirements  
b) To determine the particular security mechanisms you need, you must perform a mapping of the particular cloud service model to the particular application you are deploying  
c) A security control model includes the security that you normally use for your applications only  
d) All of the mentioned  
View Answer

Answer: b  
Explanation: These mechanisms must be supported by the various controls that are provided by your service provider, your organization, or a third party.

3. Which of the following is a key mechanism for protecting data?  
a) Access control  
b) Auditing  
c) Authentication  
d) All of the mentioned  
View Answer

Answer: d  
Explanation: Whatever service model you choose should have mechanisms operating in all above mentioned areas that meet your security requirements.

4. How many security accounts per client is provided by Microsoft?  
a) 1  
b) 3  
c) 5  
d) 7  
View Answer

Answer: c  
Explanation: On Amazon Web Service, you can create multiple keys and rotate those keys during different sessions.

5. Point out the wrong statement.  
a) Securing data sent to, received from, and stored in the cloud is the single largest security concern  
b) The problem with the data you store in the cloud is that it can be located anywhere in the cloud service provider’s system  
c) One and only approach to isolating storage in the cloud from direct client access is to create layered access to the data  
d) All of the mentioned  
View Answer

Answer: c  
Explanation: The location of the proxy and the broker is not important.

6. Which of the following are a common means for losing encrypted data?  
a) lose the keys  
b) lose the encryption standard  
c) lose the account  
d) all of the mentioned  
View Answer

Answer: a  
Explanation: Keys should have a defined life cycle.

7. Which of the following is the standard for interoperable cloud-based key management?  
a) KMIP  
b) PMIK  
c) AIMK  
d) None of the mentioned  
View Answer

Answer: a  
Explanation: KMIP stands for Key Management Interoperability Protocol.

8. Which of the following was one of the weaker aspects of early cloud computing service offerings?  
a) Logging  
b) Integrity checking  
c) Consistency checking  
d) None of the mentioned  
View Answer

Answer: a  
Explanation: Cloud service providers often have proprietary log formats.

9. Which of the following is one of the most actively developing and important areas of cloud computing technology?  
a) Logging  
b) Auditing  
c) Regulatory compliance  
d) None of the mentioned  
View Answer

Answer: c  
Explanation: For any company with clients in multiple countries, the burden of regulatory compliance is onerous.

10. Amazon Web Services supports \_\_\_\_\_\_\_\_ Type II Audits.  
a) SAS70  
b) SAS20  
c) SAS702  
d) None of the mentioned  
View Answer

Answer: a  
Explanation: Becoming a cloud service provider requires a large investment.

1. Which of the following describes a message-passing taxonomy for a component-based architecture that provides services to clients upon demand?  
a) SOA  
b) EBS  
c) GEC  
d) All of the mentioned  
View Answer

Answer: a  
Explanation: Clients access a component that complies with SOA by passing a message containing metadata to be acted upon in a standard format.

2. Point out the correct statement.  
a) Service Oriented Architecture (SOA) describes a standard method for requesting services from distributed components and managing the results  
b) SOA provides the translation and management layer in an architecture that removes the barrier for a client obtaining desired services  
c) With SOA, clients and components can be written in different languages and can use multiple messaging protocols  
d) All of the mentioned  
View Answer

Answer: d  
Explanation: You don’t need SOA if you are creating a monolithic cloud application that performs a specific function such as backup, e-mail, Web page access, or instant messaging.

3. Which of the following is a repeatable task within a business process?  
a) service  
b) bus  
c) methods  
d) all of the mentioned  
View Answer

Answer: a  
Explanation: A business task is a composition of services.

4. Which of the following module of SOA is shown in the following figure?  
[cloud-computing-questions-answers-service-oriented-architecture-q4](https://www.sanfoundry.com/wp-content/uploads/2015/10/cloud-computing-questions-answers-service-oriented-architecture-q4.png)  
a) Description  
b) Messaging  
c) Business Process  
d) QOS  
View Answer

Answer: d  
Explanation: QoS is established, and the service is instantiated.

5. Point out the wrong statement.  
a) SOA provides the standards that transport the messages and makes the infrastructure to support it possible  
b) SOA provides access to reusable Web services over an SMTP network  
c) SOA offers access to ready-made, modular, highly optimized, and widely shareable components that can minimize developer and infrastructure costs  
d) None of the mentioned  
View Answer

Answer: b  
Explanation: Service Oriented Architecture has been part of a collaborative effort on the part of both large and small vendors to come up with a common solution to architecting complex business software processes efficiently.

6. Which of the following is used to define the service component that performs the service?  
a) WSDL  
b) SCDL  
c) XML  
d) None of the mentioned  
View Answer

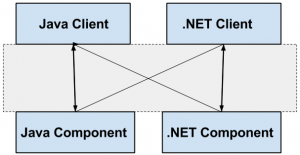
Answer: b  
Explanation: SCDL stands for Service Component Definition Language.

7. Which of the following is commonly used to describe the service interface, how to bind information, and the nature of the component’s service or endpoint?  
a) WSDL  
b) SCDL  
c) XML  
d) None of the mentioned  
View Answer

Answer: a  
Explanation: The most commonly used message-passing format is an Extensible Markup Language (XML) document using the Simple Object Access Protocol (SOAP).

8. Which of the following provides commands for defining logic using conditional statements?  
a) XML  
b) WS-BPEL  
c) JSON  
d) None of the mentioned  
View Answer

Answer: b  
Explanation: Business process is a collection of activity graphs.

9. Which of the following is used as middleware layer in the following figure?  
[](https://www.sanfoundry.com/wp-content/uploads/2015/10/cloud-computing-questions-answers-service-oriented-architecture-q9.png)  
a) XML  
b) ESB  
c) UDDI  
d) None of the mentioned  
View Answer

Answer: b  
Explanation: An ESB may be part of a network operating system or may be implemented using a set of middleware  
products.

10. Which of the following figure is associated with Description Module in SOA stack?  
a) [cloud-computing-questions-answers-service-oriented-architecture-q4](https://www.sanfoundry.com/wp-content/uploads/2015/10/cloud-computing-questions-answers-service-oriented-architecture-q4.png)  
b) [cloud-computing-questions-answers-service-oriented-architecture-q10b](https://www.sanfoundry.com/wp-content/uploads/2015/10/cloud-computing-questions-answers-service-oriented-architecture-q10b.png)  
c) [cloud-computing-questions-answers-service-oriented-architecture-q10c](https://www.sanfoundry.com/wp-content/uploads/2015/10/cloud-computing-questions-answers-service-oriented-architecture-q10c.png)  
d) None of the mentioned  
View Answer

Answer: d  
Explanation: WSDL is a language for describing web services and how to access them.

1. Which of the following is storage data interchange interface for stored data objects?  
a) OCC  
b) OCCI  
c) OCMI  
d) All of the mentioned  
View Answer

Answer: b  
Explanation: OCCI stands for Open Cloud Computing Interface.

2. Point out the correct statement.  
a) To determine whether your application will port successfully, you should perform a functionality mapping exercise  
b) Cloud computing supports some application features better than others  
c) Cloud bursting is an overflow solution that clones the application to the cloud and directs traffic to the cloud during times of high traffic  
d) All of the mentioned  
View Answer

Answer: d  
Explanation: Mapping process involves determining the critical application features and then matching them to the cloud provider’s offering to see if those features can be supported.

3. \_\_\_\_\_\_\_\_ data represents more than 50 percent of the data created every day.  
a) Shadow  
b) Light  
c) Dark  
d) All of the mentioned  
View Answer

Answer: a  
Explanation: Lots of shadow data does get retained, having never been touched by a human being.

4. Cloud storage data usage in the year 2020 is estimated to be \_\_\_\_\_\_\_\_\_\_\_\_\_ percent resident by IDC.  
a) 10  
b) 15  
c) 20  
d) None of the mentioned  
View Answer

Answer: d  
Explanation: There will be a steady growth of cloud storage at the expense of online storage over the next decade.

5. Point out the wrong statement.  
a) Some APIs are both exposed as SOAP and REST  
b) The role of a cloud vendor specific API has impact on porting an application  
c) There are mainly three types of cloud storage  
d) None of the mentioned  
View Answer

Answer: c  
Explanation: Cloud storage can be either unmanaged or managed.

6. Which of the following system does not provision storage to most users?  
a) PaaS  
b) IaaS  
c) CaaS  
d) SaaS  
View Answer

Answer: b  
Explanation: Cloud storage is storage accessed by a Web service API.

7. The addition of a software package on top of a cloud storage volume makes most cloud storage offerings conform to a \_\_\_\_\_\_\_\_ as a Service model.  
a) Software  
b) Platform  
c) Analytics  
d) None of the mentioned  
View Answer

Answer: a  
Explanation: Most users interact with cloud storage using backup, synchronization, archiving, staging, caching, or some other sort of software.

8. How many categories of storage devices broadly exist in cloud?  
a) 1  
b) 2  
c) 3  
d) None of the mentioned  
View Answer

Answer: b  
Explanation: Storage devices may be broadly categorized as either block storage devices or file storage devices.

9. Which of the following storage devices exposes its storage to clients as Raw storage that can be partitioned to create volumes?  
a) block  
b) file  
c) disk  
d) all of the mentioned  
View Answer

Answer: a  
Explanation: It is up to the operating system to create and manage the file system.

10. Which of the following impose additional overhead on clients and offer faster transfer?  
a) Block storage  
b) File Storage  
c) File Server  
d) All of the mentioned  
View Answer

Answer: a  
Explanation: File-oriented storage devices are generally slower, but require less overhead from attached clients.