

## **ANSWER KEY FOR CLOUD COMPUTING**

**1) Answer: B**

**Explanation:** Cloud computing is a computing technique in which applications are accessed by common internet protocols and networking standards.

**2) Answer: A**

**Explanation:** Whenever any intranet becomes large enough in size that a diagram is not able to differentiate the individual physical system, so at that stage intranet also becomes known as a cloud. Hadoop can be considered as a cloud.

**3) Answer: C**

**Explanation:** Cloud Computing is a kind of new model for providing resources for applications such as staging applications, platform-independent user access to services.

**4) Answer: D**

**Explanation:** Internet provides the abstraction, runs through the same set of protocols and standards, and uses the same operating system and applications.

**5) Answer: B**

**Explanation:** The application runs on physical systems that are not specified in real. The information stored in the locations that are also not specified or unknown, administration of the systems are outsourced to others and can be accessed by the user.

**6) Answer: C**

**Explanation:** Cloud computing is distinguished by the notion that resources are virtual and infinite and describe the physical systems on which software runs in the abstracted manner from the user.

**7) Answer: A**

**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.

**8) Answer: B**

**Explanation:** Cloud computing hides all the detail of system implementation from users and developers.

**9) Answer: B**

**Explanation:** Amazon web service is one of the most successful cloud-based businesses, which offers infrastructure as a service and lets you rent virtual computers on its own infrastructure.

**10) Answer: C**

**Explanation:** In the planning phase, we actually analyze the strategy related problems which customers might face. There are usually two steps to perform the analysis: Cloud Computing Planning and Cloud Computing Value Proposition.

**11) Answer: B**

**Explanation:** Cloud Computing Strategy Planning: The establishment of the strategy is based on the above step's analysis result. In this phase, a strategy document is prepared according to the conditions faced by the customer while implementing the cloud computing mode

**12) Answer: A**

**Explanation:** Business Architecture Development: In this phase, we identify the risks that can be caused by a cloud computing application from a business point of view.

**13) Answer: B**

**Explanation:** Quality of service refers to the non-functional requirements such as reliability, security, disaster recovery, etc.

**14) Answer: D**

**Explanation:** Deployment phase: This phase focuses on both steps. It consists of the following two steps: Selecting a cloud computing provider, maintenance and technical service.

**15) Answer: B**

**Explanation:** In Cloud Computing Planning, there are usually three phases that are Strategy Phase, Planning Phase, and Deployment Phase.

**16) Answer: C**

**Explanation:** Cloud computing architecture is a combination of service-oriented architecture and event-driven architecture.

**17) Answer: B**

**Explanation:** Both Force.com and Windows Azure are examples of the Platform as a service

**18) Answer: A**

**Explanation:** Security is one of the back-end's built-in components of cloud computing.

**19) Answer: B**

**Explanation:** The Client Infrastructure is one of the front-end components that provide the way of communication in the form of a Graphic User Interface to communicate with the Cloud.

**20) Answer: D**

**Explanation:** Several technologies work behind the Cloud Computing platforms, which provide features like Flexibility, reliability, and usability to cloud computing.

**21) Answer: A**

**Explanation:** Virtualization is a kind of technique that allows us to share the single physical instance of a resource or application between several organizations/users.

**22) Answer: A**

**Explanation:** It provides a logical name to the physical resource when the demand is correct regarding virtualization and provides an indicator of that physical resource.

**23) Answer: D**

**Explanation:** Utility computing is based on the pay-what-you use model.

**24) Answer: D**

**Explanation:** The Hypervisor runs directly on the underlying host system, and sometimes it is also known as "Native Hypervisor" or "Bare metal hypervisor."

**25) Answer: A**

**Explanation:** OpenID allows users to login into several different websites with the same single account. Google, Myspace, Yahoo!, Flickr and several others are the companies which support the OpenID.