Cloud Computing

Assignment- Week 2
TYPE OF QUESTION: MCQ/MSQ

Number of questions: 10   **Total mark: 10 X 1 = 10**

QUESTION 1:

_____ generally stores the cloud subscriber's metadata like user credentials and OS images.

a) SLA (Service Level Agreement)
b) Cloud Manager
c) DOS (Data Object storage)
d) MOS (Metadata Object storage)

Correct Option: c
Detailed Solution: DOS generally stores the cloud subscriber's metadata like user credentials and OS images.

QUESTION 2:

Universal Description, Discovery, and Integration (UDDI) represents a format for data exchange, designed to hold and convey data objects that are made up of pairs of attributes and values.

a) True
b) False

Correct Answer: a
Detailed Solution: Universal Description, Discovery, and Integration (UDDI) is an XML based registry for business internet services. JavaScript Object Notation (JSON) is a data interchange format to store and transmit data objects consisting of attribute-value pairs.

QUESTION 3:

Which factors should an organization consider while planning to deploy an outsourced private cloud?

a) Only Network Dependency
b) Only Risks from multi-tenancy
c) Both Network Dependency and Risks from multi-tenancy
d) Neither Network Dependency nor Risks from multi-tenancy

Correct Answer: c
Detailed Solution: For outsourced private cloud, subscribers may have an option to provide a

unique, protected, and reliable network. Additionally, there is always a risk of multi-tenancy.

QUESTION 4:

What is/are the main difference(s) between virtualization and dual boot?

a) In virtualization, both operating systems run simultaneously, but not in dual boot.
b) In virtualization, operating systems are not isolated from each other, but not in dual boot.
c) In a dual boot, both operating systems run simultaneously, but not in virtualization.
d) No difference between dual boot and virtualization.

Correct Option: a
Detailed Solution: Virtualization is a method of running multiple operating systems and user applications on the same hardware. Both OSs run simultaneously and are completely isolated from each other.

QUESTION 5:

Web services enhance distributed interoperability through the use of open standards, enabling any two software components to communicate and are designed to address firewall issues.

a) True
b) False

Correct Answer: a
Detailed Solution: Web services indeed improve distributed interoperability by utilizing open standards, which allows different software components to communicate effectively. Additionally, they are designed to navigate and resolve firewall issues, making them suitable for use across various network configurations.

QUESTION 6:
Ubuntu Enterprise Cloud (UEC) is an example of

a)Public cloud
b) Hybrid cloud
c)Private cloud
d) Community Cloud

Correct Option: c
Detailed Answer: Ubuntu Enterprise Cloud (UEC) is an example of a private cloud**.**

QUESTION 7:

Cloud Manager is the public access point to the cloud where subscribers _____ up for accounts and has a mechanism for _____ subscribers.
   a) sign, integrating
   b) sign, authenticating
   c) sign, accessing
   d) access, authenticating

Correct Answer: b

Detailed Solution: Cloud Manager is the public access point to the cloud where subscribers sign up for accounts and has a mechanism for authenticating subscribers.

QUESTION 8:

Hypervisor is also known as

   a) Cluster Manager
   b) Virtual Machine Handler
   c) Virtual Machine Manager
   d) Virtual Machine Monitor

Correct Answer: d

Detailed Solution: The hypervisor is also known as Virtual Machine Monitor

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QUESTION 9:

Simple Object Access Protocol (SOAP) provides a way to communicate between applications running on different operating systems, with the same technologies and programming languages.

   a) True
   b) False

Correct Answer: b

Detailed Solution: Simple Object Access Protocol (SOAP) provides a way to communicate between applications running on different operating systems, with different technologies and programming languages.

QUESTION 10:

While DOM operates on the documents as a whole, _____ parsers operate on each piece of the XML document sequentially.
   a) FTP
   b) MQTT
   c) SAX
   d) XAS

Correct Answer: c

Detailed Solution: DOM operates on the documents as whole, SAX parsers operate on each piece of the XML document sequentially.