Cloud Computing

Assignment- Week 2

TYPE OF QUESTION: MSQ

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

QUESTION 1:

Which of the following is/are example(s) of public cloud?

        a. Amazon VPC
        b. Google App Engine
        c. Eucalyptus
        d. Microsoft Azure

Correct Answer: b, d

Detailed Solution: Google App Engine and Microsoft Azure are examples of public cloud. So, the correct options are (b) and (d).

QUESTION 2:

Statement 1: A hybrid cloud is composed of two or more private, community, or public clouds.

Statement 2: Hybrid clouds have significant variations in performance, reliability, and security properties depending upon the type of cloud chosen to build the hybrid cloud.

Which of the following is correct?

        a. Statement 1 is true and Statement 2 is false
        b. Statement 1 is false and Statement 2 is true
        c. Both Statement 1 and Statement 2 are true
        d. Both Statement 1 and Statement 2 are false

Correct Answer: c

Detailed Solution: Both Statement 1 and Statement 2 are true. So, the correct option is (c).

QUESTION 3:

Which of the following creates a virtual machine?

       a. Host Operating System
       b. Hypervisor
       c. Container
       d. None of these

Correct Answer: b

Detailed Solution: A hypervisor creates a virtual machine. So, the correct option is (b).

QUESTION 4:

Bare-metal hypervisors can run directly on the host's hardware to control the hardware and to manage guest operating systems.

       a. True
       b. False

Correct Answer: a

Detailed Solution: Native or Bare-metal hypervisors can run directly on the host's hardware to control the hardware and to manage guest operating systems. So, the correct option is (a).

QUESTION 5:

XML was designed to display data - with focus on how data looks.

       a. True
       b. False

Correct Answer: b

Detailed Solution: HTML was designed to display data - with focus on how data looks. XML was designed to carry data - with focus on what data is. So, the correct option is (b).

QUESTION 6:

What is/are true regarding naming rules of XML elements?

        a. Element names are not case-sensitive
        b. Element names must start with a letter or underscore
        c. Element names cannot contain spaces
        d. Element names cannot contain hyphens

 Correct Answer: b, c

Detailed Solution: Element names are case-sensitive. Element names must start with a letter or underscore. Element names cannot contain spaces. Element names can contain hyphens. So, the correct options are (b) and (c).

QUESTION 7:

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

        a. True
        b. False

 Correct Answer: b

Detailed Solution: DOM operates on the documents as whole, SAX parsers operate on each piece of the XML document sequentially. So, the correct option is (b).

QUESTION 8:

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

        a. True
        b. False

 Correct Answer: a

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. So, the correct option is (a).

QUESTION 9:

Service-oriented architecture (SOA) is a style of software design where services are provided to the other components by application components, through a communication protocol over a network.

> a. True
> b. False

 Correct Answer: a

Detailed Solution: Service-oriented architecture (SOA) is a style of software design where services are provided to the other components by application components, through a communication protocol over a network. So, the correct option is (a).

QUESTION 10:

Statement 1: Web Services Description Language (WSDL) is an XML-based registry for business internet services.

Statement 2: Universal Description, Discovery, and Integration (UDDI) is a data interchange format to store and transmit data objects consisting of attribute-value pairs.

Which of the following is correct?

> a. Statement 1 is true and Statement 2 is false
> b. Statement 1 is false and Statement 2 is true
> c. Both Statement 1 and Statement 2 are true
> d. Both Statement 1 and Statement 2 are false

 Correct Answer: d

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. So, the correct option is (d).

************END**********