



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 not an example of Public Cloud?

- a) IBM Smart Cloud
- b) Amazon EC2
- c) Amazon VPC
- d) Google App Engine

Correct Answer: c

Detailed Solution: Amazon VPC is an example of a private cloud.

QUESTION 2:

Statement 1: Private Cloud may exist off premises.

Statement 2: Private Cloud can be managed by a third party.

- a) Statement 1 is true.
- b) Statement 2 is true.
- c) Both the statements are true
- d) None of the statements are true.

Correct Answer: c

Detailed Solution: Private clouds may exist off premises and can be managed by third parties.

QUESTION 3:

VMware vCloud is an example of which kind of cloud deployment model?

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

Correct Answer: d

Detailed Solution: VMware vCloud is a hybrid cloud service.



QUESTION 4:

Which of the following statement(s) is false about virtualization?

- a) Allows running multiple OSes simultaneously with no isolation
- b) Allows one computer to do job of multiple computers
- c) Allows running multiple virtual containers on a single physical platform
- d) None of these

Correct Answer: a

Detailed Solution: The OSes run in complete isolation from each other in virtualization.

QUESTION 5:

What is/are the different goal(s) of virtual machine architecture ?

- a) Resource Control
- b) Equivalence
- c) Efficiency
- d) None of the above

Correct Answer: a, b, c

Detailed Solution: As per Popek and Goldberg, three goals of virtual machine architecture are Equivalence, Resource Control and Efficiency.

QUESTION 6:

Sometimes XML along with XSLT is characteristics wise equivalent to HTML.

- a) True
- b) False

Correct Answer: a

Detailed Solution: Sometimes XML plus XSLT is equivalent to HTML. Not power wise, but it is characteristics wise.

QUESTION 7:

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

- a) True
- b) False

Correct Answer: b

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 8:

Which of the following statements is false?

- a) XML is written using printable Unicode characters
- b) XML lets you define your own data type
- c) XML parser continues processing even if the data is not well formed
- d) None of the above

Correct Answer: c

Detailed Solution: The XML parser must verify that the XML data is syntactically correct. So option (c) is false.

QUESTION 9:

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 10:

Statement 1: Cluster manager can be geographically distributed in the IaaS cloud service model.
Statement 2: Within a cluster manager, the computer manager is connected by a high speed network in the IaaS cloud service model.

- a) Only statement 1 is true
- b) Only statement 2 is true
- c) Both the statements are true
- d) Both the statements are false

Correct Answer: c

Detailed Solution: In a typical IaaS cloud service model, the middle level component is responsible for management of a large computer cluster known as cluster manager. It manages large clusters, which may be geographically spread. Within a cluster manager, the computer manager is connected by a high speed network. So, option (c) is correct.

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