



Cloud Computing

Assignment-Week 2

TYPE OF QUESTION: MCQ/MSQ

Number of questions: 10

Total mark: 10 X 1 = 10

QUESTION 1:

Service-Oriented Architecture (SOA) possess:

- a) A service provider, service requestor and service broker
- b) A service provider and service requestor
- c) A service requestor and service broker
- d) Only a service broker

Correct Option: A

Detailed Answer: Service-Oriented Architecture (SOA) possesses: A service provider, service requestor and service broker

QUESTION 2:

XML is designed to describe _____.

- a) pricing
- b) SLA
- c) data
- d) service

Correct Option: C

Detailed Answer: XML is designed to describe data.

QUESTION 3:

SOAP (Simple Object Access Protocol) does not restrict the endpoint implementation technology choices. SOAP is a platform-neutral choice.

- a) True
- b) False

Correct Option: A

Detailed Answer: SOAP does not restrict the endpoint implementation technology choices. SOAP is platform-neutral choice.



QUESTION 4:

A Cyber-Physical Cloud Computing (CPCC) architectural framework is a _____ environment that can rapidly build, modify and provision cyber-physical systems composed of a set of _____ based sensor, processing, control, and data services.

- a) system, cloud computing
 - b) cloud computing, system
 - c) system, edge computing
 - d) edge, system computing
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Correct Answer: A

Detailed Solution: A Cyber-Physical Cloud Computing (CPCC) architectural framework can be defined as “a system environment that can rapidly build, modify and provision cyber-physical systems composed of a set of cloud computing based sensor, processing, control, and data services.”

QUESTION 5:

Network Virtualization is a _____ environment that allows _____ service providers to dynamically compose _____ virtual networks.

- a) networking, single, single
- b) physical, single, multiple
- c) networking, multiple, single
- d) networking, multiple, multiple

Correct Option: D

Detailed Answer: Network Virtualization is a networking environment that allows multiple service providers to dynamically compose multiple virtual networks.

QUESTION 6:

Customized wearable devices for collecting health parameters are the best examples of

- a) IoHT
- b) Fog device
- c) Fog-Cloud interfaced.
- d) Cloud-Fog-Edge-IoHT

Correct Answer: d

Detailed Solution: Customized wearable devices for collecting health parameters are the best examples of Cloud-Fog-Edge-IoHT.



QUESTION 7:

Dew Computing is a paradigm where on-premises computers provide functionality that is _____ of cloud services and is also collaborative with cloud services

- a) dependant
- b) independent
- c) partial dependant
- d) none of these

Correct Option: B

Detailed Solution: According to the definition given, dew computing is a paradigm where on-premises computers provide functionality that is independent of cloud services and is also collaborative with cloud services.

QUESTION 8:

SOAP uses _____ as transport protocol

- a) UDDI
- b) SLA
- c) HTTP
- d) XML

Correct Answer: c

Detailed Solution: SOAP uses HTTP as transport protocol.

QUESTION 9:

Virtual Machine Monitor is also known as

- a) Cluster Manager
- b) Virtual Machine Handler
- c) Virtual Machine Manager
- d) Hypervisor

Correct Option: D

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

QUESTION 10:

Which of the following is/are XML parser API(s)?

- a) XaaS (Anything as a Model)
- b) SAX (Simple API to XML)
- c) CLI (Command Line Interface)
- d) DOM (Document Object Model)



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Correct Option: B, D

Detailed Answer: DOM and SAX are two of the three generic parser APIs. They read XML data, check for syntax, and make data available to an application.

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