



## Cloud Computing

### Assignment-Week 2

#### TYPE OF QUESTION: MCQ/MSQ

Number of questions: 10

Total mark: 10 X 1 = 10

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#### **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

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#### **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.

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#### **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.

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**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.

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- 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.”

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**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.

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**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.

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**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.

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**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.

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**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

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**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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