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**NPTEL** (<https://swayam.gov.in/explorer?ncCode=NPTEL>) » **Cloud computing (course)**

Announcements (announcements)

About the Course ([https://swayam.gov.in/nd1\\_noc20\\_cs20/preview](https://swayam.gov.in/nd1_noc20_cs20/preview)) Ask a Question (forum)

Progress (student/home) Mentor (student/mentor)

## Unit 4 - Week 2

### Course outline

How does an NPTEL online course work?

**Week 0**  
**Assignment 0**

**Week 1**

**Week 2**

- ☐ Lecture 6: Cloud Computing: Architecture – Deployment Models (unit=8&lesson=9)
- ☐ Lecture 7: Cloud Computing: Virtualization (unit=8&lesson=10)

## Week 2 Assignment 2

The due date for submitting this assignment has passed. **Due on 2020-03-11, 23:59 IST.**

Assignment submitted on 2020-03-11, 23:46 IST

1) 1 point  
Which of the following is/are type(s) of deployment model of cloud?

- (a) IaaS
- (b) PaaS
- (c) Hybrid Cloud
- (d) Community Cloud

- ☐ (a)
- ☐ (b)
- ☒ (c)
- ☒ (d)

Yes, the answer is correct.  
Score: 1

Accepted Answers:  
(c)  
(d)

○ Lecture 8:  
Cloud  
Computing:  
XML Basics  
(unit?  
unit=8&lesson=11)

○ Lecture 9:  
Cloud  
Computing:  
XML Basics II  
(unit?  
unit=8&lesson=12)

○ Lecture 10:  
Cloud  
Computing:  
Web Services,  
Service  
Oriented  
Architecture  
(unit?  
unit=8&lesson=13)

○ Lecture  
material of  
Week 2 (unit?  
unit=8&lesson=14)

● Quiz : Week 2  
Assignment 2  
(assessment?  
name=88)

○ Week 2  
Feedback Form  
(unit?  
unit=8&lesson=89)

**Week 3**

**Week 4**

**Week 5**

**Week 6**

**Week 7**

**Week 8**

**Text Transcripts**

**Books**

**Detail Solution**

2) Types of XML-parsers are –

- (a) Well-formed
- (b) Well-documented
- (c) Non-validating and validating
- (d) None of the above

☐ (a)

☐ (b)

☒ (c)

☐ (d)

Yes, the answer is correct.

Score: 1

Accepted Answers:

(c)

3)

In public cloud, a single machine may be shared by the workloads of any combination of a subscribers.

(a) True

(b) False

☒ (a)

☐ (b)

Yes, the answer is correct.

Score: 1

Accepted Answers:

(a)

4) Web Services are used to –

- (a) Reuse application-components.
- (b) Solve the interoperability problem
- (c) Connect existing software
- (d) Implement client-server paradigm

☒ (a)

☒ (b)

☒ (c)

☐ (d)

Yes, the answer is correct.

Score: 1

Accepted Answers:

(a)

(b)

(c)

5)

1 point

1 point

1 point

1 point

**Live Interactive  
Session**

A virtual machine running on a server of a particular make cannot be relocated to the server of another make.

- (a) True
- (b) False

- ☐ (a)
- ☒ (b)

Yes, the answer is correct.  
Score: 1

Accepted Answers:  
(b)

- 6) Which is/are not a correct name(s) for an XML element? 1 point
- a) <age>
  - b) <\_NAME>
  - c) <first name>
  - d) <last name>

- ☐ a)
- ☐ b)
- ☒ c)
- ☒ d)

Yes, the answer is correct.  
Score: 1

Accepted Answers:  
c)  
d)

- 7) XML with correct syntax is " \_\_\_\_\_ " XML 1 point
- (a) Well Parameterized
  - (b) Well Formed
  - (c) Mature
  - (d) None of these

- ☐ (a)
- ☒ (b)
- ☐ (c)
- ☐ (d)

Yes, the answer is correct.  
Score: 1

Accepted Answers:  
(b)

8)

1 point

**Statement 1:** Abstraction enables the key benefit of cloud computing: shared, ubiquitous access

**Statement 2:** Virtualization assigns a logical name for a physical resource and then provides a pointer to that physical resource when a request is made through SaaS

- (a) Statement 1 is True and Statement 2 is False
- (b) Statement 1 is False and Statement 2 is True
- (c) Both are True
- (d) Both are False

- ☐ (a)
- ☐ (b)
- ☒ (c)
- ☐ (d)

Yes, the answer is correct.

Score: 1

Accepted Answers:

(c)

9)

1 point

Which of the following cloud concept is related to pooling and sharing of resources?

- (a) Polymorphism
- (b) Abstraction
- (c) Virtualization
- (d) None of the mentioned

- ☐ (a)
- ☐ (b)
- ☒ (c)
- ☐ (d)

Yes, the answer is correct.

Score: 1

Accepted Answers:

(c)

10)

1 point

Match the following pair (Cloud service providers & Deployment model):

A: Google Cloud Platform	1- Public Cloud
B: Amazon Elastic Compute Cloud	2- Private Cloud
C: Eucalyptus	3- Hybrid Cloud
D: Meghamala (provided by IIT kharagpur)	4- Service Cloud

- (a) A-1, B-4, C-3, D-2
- (b) A-4, B-1, C-3, D-2
- (c) A-1, B-1, C-3, D-2
- (d) A-4, B-3, C-1, D-2

- ☐ (a)

☒ (b)

☐ (c)

☐ (d)

No, the answer is incorrect.

Score: 0

Accepted Answers:

(c)