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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)   Ask a Question (forum)

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

Unit 3 - Week 1

Course outline

How does an NPTEL online course work?

Week 0 Assignment 0

Week 1

○ Lecture 1: Cloud Computing - Overview (unit? unit=1&lesson=3)

○ Lecture 2: Cloud Computing – Overview (contd..) (unit? unit=1&lesson=4)

○ Lecture 3: Cloud Computing – Introduction

Week 1 Assignment 1

The due date for submitting this assignment has passed.   **Due on 2020-03-04, 23:59 IST.**

Assignment submitted on 2020-03-04, 20:34 IST

1) Which of the following is/are SaaS?   *1 point*

a. Google App Engine
b. Amazon S3
c. Amazon EC2
d. Google Docs

☐ a.
☐ b.
☐ c.
☑ d.

Yes, the answer is correct.
Score: 1
Accepted Answers:
d.

2)   *1 point*

In _____, cloud computing provides servers and storage to the users.

a. SaaS
b. PaaS
c. IaaS
d. None of the above

☑ a.
☐ b.
☐ c.
☐ d.

No, the answer is incorrect.
Score: 0

Accepted Answers:
c.

3) Which is/are true regarding cloud computing?   *1 point*

    a. It does not provide ubiquitous access
    b. It provides on-demand network access
    c. Resources can be released with huge management effort
    d. None of the above

☐ a.
☑ b.
☐ c.
☐ d.

Yes, the answer is correct.
Score: 1

Accepted Answers:
b.

4) What is the disadvantage of cloud computing?   *1 point*

    a. It requires constant internet connection
    b. It does not support group collaboration
    c. It provides limited storage
    d. None of these

☑ a.
☐ b.
☐ c.
☐ d.

5) Cloud Bursting for load balancing between clouds is an example of   *1 point*

    a. Community cloud
    b. Public cloud
    c. Private cloud
    d. Hybrid cloud

- [ ] a.
- [ ] b.
- [ ] c.
- [x] d.

6) What is/are the requirements of cloud service providers   *1 point*

    a. Decrease productivity
    b. Increase end user satisfaction
    c. Increase innovation
    d. Decrease agility

- [ ] a.
- [x] b.
- [x] c.
- [ ] d.

7) Which computing paradigm does Apache Spark framework provide?   *1 point*

    a. Grid computing
    b. Cluster Computing
    c. Fog Computing
    d. Cloud Computing

- [ ] a.

☑ b.

☐ c.

☐ d.

Yes, the answer is correct.
Score: 1

Accepted Answers:
b.

8)   **1 point**

Which of the following is/are essential characteristics of cloud computing?

a. On-demand self service

b. Resource pooling

c. Delayed elasticity

d. Measured Service

☑ a.

☑ b.

☐ c.

☑ d.

Yes, the answer is correct.
Score: 1

Accepted Answers:
a.

b.

d.

9)   **1 point**

Utility computing is a model where service provider

a. makes computing resources available to the customer as needed

b. makes computing resources available to the customer for a fixed amount of time

c. charges the customer based on their usage

d. charges the customer with an increase rate

☑ a.

☐ b.

☑ c.

☐ d.

Yes, the answer is correct.
Score: 1

Accepted Answers:
a.

c.

Match the tables

Table – I	Table - II
1. Public Cloud	i. Google Apps for Government
2. Private Cloud	ii. IBM Bluemix
3. Community Cloud	iii. Amazon VPC

a. 1.->(ii), 2.->(i), 3.->(iii)
b. 1.-> (i), 2.->(ii), 3.->(iii)
c. 1.->(ii), 2.->(iii), 3.->(i)
d. 1.->(i), 2.->(iii), 3.->(ii)

☐ a.

☐ b.

☑ c.

☐ d.

Yes, the answer is correct.
Score: 1

Accepted Answers:
c.