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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\\_noc19\\_cs64/preview](https://swayam.gov.in/nd1_noc19_cs64/preview))   [Ask a Question \(forum\)](#)[Progress \(student/home\)](#)   [Mentor \(student/mentor\)](#)

## Unit 3 - Week 1

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[Course outline](#)[How to access the portal](#)[Week 0 Assignment 0](#)[Week 1](#)

## Week 1 Assignment 1

Assignment not submitted

**Due date: 2019-09-11, 23:59 IST.****1 point**

- 1) Uniprocessor computing is known as
- (a) Centralized computing
  - (b) Distributed computing
  - (c) None of the above

- ☐ (a)
- ☐ (b)
- ☐ (c)

- Lecture 1: Cloud Computing - Overview (unit?unit=6&lesson=7)
- Lecture 2: Cloud Computing – Overview (contd..) (unit?unit=6&lesson=8)
- Lecture 3: Cloud Computing – Introduction (unit?unit=6&lesson=9)
- Lecture 4: Cloud Computing Architecture (unit?unit=6&lesson=10)
- Lecture 5: Cloud Computing Architecture (contd..) (unit?unit=6&lesson=11)
- Week 1 Lecture material (unit?unit=6&lesson=12)
- Quiz : Week 1 Assignment 1 (assessment?name=67)

**Text Transcription**

2) Which of the following is/are distributed system?

- (a) Internet
- (b) Workgroups
- (c) Both a and b
- (d) None of these

- ☐ (a)
- ☐ (b)
- ☐ (c)
- ☐ (d)

**1 point**

3) The basic building blocks of clusters are

- (a) Nodes
- (b) Network
- (c) Network characterization
- (d) All of these

- ☐ (a)
- ☐ (b)
- ☐ (c)
- ☐ (d)

**1 point**

4) 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 some amount of time
- (c) Can't say – implementation dependent

- ☐ (a)
- ☐ (b)
- ☐ (c)

**1 point**

5) In utility computing model, the service provider charges the customer

- (a) at a flat rate
- (b) based on the usage
- (c) None of these

**1 point**

☐ (a)☐ (b)☐ (c)

6) Which is/are true regarding cloud computing?

(a) It does not provide ubiquitous access

(b) It provides on-demand network access

(c) Resources can be released with no management effort

(d) None of these

☐ (a)☐ (b)☐ (c)☐ (d)

7) Which are essential characteristics of cloud computing?

(a) On-demand self service

(b) Resource pooling

(c) Rapid elasticity

(d) None of these

☐ (a)☐ (b)☐ (c)☐ (d)

8) Cloud computing is a distributed computing model.

(a) True (b) False

☐ (a)☐ (b)

1 point

1 point

1 point

9) Amazon Web Services is an example of

1 point

- (a) SaaS
- (b) PaaS
- (c) IaaS
- (d) None of these

- ☐ (a)
- ☐ (b)
- ☐ (c)
- ☐ (d)

10) The service provider gives the capability to the consumer to deploy onto the cloud in

1 point

- (a) SaaS
- (b) PaaS
- (c) IaaS
- (d) None of these

- ☐ (a)
- ☐ (b)
- ☐ (c)
- ☐ (d)

11) Email service on cloud is an example of

1 point

- (a) SaaS
- (b) PaaS
- (c) None of these

- ☐ (a)
- ☐ (b)
- ☐ (c)

12) 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)☐ (d)

13) Virtual machine supports migration from one host to another host.

1 point

(a) True (b) False

☐ (a)☐ (b)

14)

1 point

Customer's computer does not need the processing power or hard disk space demanded by the application running in the cloud.

(a) True (b) False

☐ (a)☐ (b)

15) 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)

16) Virtual machines are example of

1 point

(a) SaaS (b) PaaS (c) IaaS (d) None of these

☐ (a)☐ (b)

☐ (c)☐ (d)

17) Adding more resources to a single computation unit is known as  
(a) Vertical scale up (b) Horizontal scale out (c) None of these

**1 point**☐ (a)☐ (b)☐ (c)

18) Google docs is an example of  
(a) SaaS (b) PaaS (c) IaaS

**1 point**☐ (a)☐ (b)☐ (c)

19) Google App Engine is an example of  
(a) SaaS (b) PaaS (c) IaaS

**1 point**☐ (a)☐ (b)☐ (c)

20) Client server application is load balanced.  
(a) True (b) False (c) Can't say

**1 point**☐ (a)☐ (b)☐ (c)

21) Which among the following is/are IaaS?  
(a) Load balancer (b) Data storage (c) CRM (d) Office suites

**1 point**☐ (a)☐ (b)

☐ (c)☐ (d)

22)

**1 point**

SaaS is useful in case of applications where extremely fast processing of real time data is needed.

(a) True (b) False

☐ (a)☐ (b)

23) Which of these is/are managed by the user in PaaS?

**1 point**

(a) Data (b) Application (c) Runtime (d) All of these

☐ (a)☐ (b)☐ (c)☐ (d)

You may submit any number of times before the due date. The final submission will be considered for grading.

**Submit Answers**

