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sapareek@mitaoe.ac.in ⌄

NPTEL (https://swayam.gov.in/explorer?ncCode=NPTEL) » Cloud Computing (course)

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Week 1 : Assignment 1

Assignment not submitted   **Due date: 2022-08-10, 23:59 IST.**

Course outline

How does an NPTEL online course work? ()

Week 0 ()

Week 1 ()

○ Lecture 1: Cloud Computing - Overview (unit?unit=18&lesson=19)

○ Lecture 2: Cloud Computing – Overview (contd..) (unit?unit=18&lesson=20)

○ Lecture 3: Cloud Computing – Introduction

1)   *1 point*

Which of the following fall(s) under the "essential characteristics" of cloud computing?

A. Resource Pooling
B. Measured Service
C. Rapid Elasticity
D. Latency

☐ A
☐ B
☐ C
☐ D

2)   "Google Slide" is an example of   *1 point*

A. PaaS
B. IaaS
C. SaaS
D. FaaS

○ A
○ B
○ C
○ D

3) Which of the following is/are public cloud platform(s)?   **1 point**

        A. Windows Server Hyper-V
        B. Google Cloud Interconnect
        C. Amazon Virtual Private Cloud
        D. Microsoft Azure

☐ A

☐ B

☐ C

☐ D

4)   **1 point**

VM technology allows multiple virtual machines to run on a single physical system.

    A. True
    B. False

○ A

○ B

5)   **1 point**

Which one of the following is/are disadvantage(s) of cloud computing?

    A. Resource pooling
    B. It requires an always-on internet connection.
    C. Ubiquitous
    D. On-demand payment policy

○ A

○ B

○ C

○ D

6)   **1 point**

For less data-intensive applications, horizontal scale-out elasticity is the ideal solution.

    A. True
    B. False

○ A

○ B

7)   **1 point**

The combination of Service-Oriented Infrastructure and Cloud Computing realizes to _____.

    A. FTP
    B. SNTP
    C. XaaS
    D. FaaS

○ A

○ B

○ C

○ D

8)   *1 point*

What is/are the main requirement(s) of a Cloud Service Provider (CSP)?

    A. Increase agility
    B. Increase cost
    C. Increase productivity
    D. Decrease cost

☐ A

☐ B

☐ C

☐ D

9)   *1 point*

PaaS (Platform as a Service) brings the benefits: (i) Creation of software (ii) Integration of web services and databases

    A. Only (i)
    B. Only (ii)
    C. Both (i) and (ii)
    D. Neither (i) nor (ii)

○ A

○ B

○ C

○ D

10)   *1 point*

A _____ is a distributed computer system that consists of a collection of interconnected stand-alone computers working together as an integrated computing resource.

    A. Grid
    B. Cluster
    C. Cloud
    D. Node

○ A

○ B

○ C

○ D

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

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Submit Answers