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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 10 - Week 8

Course
outline

How does an
NPTEL online
course work?

Week 0
Assignment 0

Week 1

Week 2

Week 3

Week 4

Week 5

Week 6

Week 7

Week 8

Week 8 Assignment 8

The due date for submitting this assignment has passed. **Due on 2020-04-22, 23:59 IST.**

Assignment submitted on 2020-04-20, 20:14 IST

1)

1 point

Match the following two tables

Table – I [Layers of Green Broker]	Table – II [Responsibilities of Green Brokers]
1. 1 st layer	i. Carbon aware scheduling
2. 2 nd Layer	ii. User requirements analysis
3. 3 rd Layer	iii. Calculation of cost and carbon footprint of services

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

- ☒ a.
☐ b.
☐ c.
☐ d.

Lecture 36 :
Introduction to
DOCKER
Container (unit?
unit=50&lesson=52)

Lecture 37:
Green Cloud
(unit?
unit=50&lesson=53)

Lecture 38 :
Sensor Cloud
Computing
(unit?
unit=50&lesson=54)

Lecture 39 : IoT
Cloud (unit?
unit=50&lesson=55)

Lecture 40 :
Course
Summary and
Research Areas
(unit?
unit=50&lesson=56)

Lecture
material of
Week 8 (unit?
unit=50&lesson=51)

Quiz : Week 8
Assignment 8
(assessment?
name=113)

Week 8
Feedback Form
(unit?
unit=50&lesson=115)

Text Transcripts

Books

Detail Solution

**Live Interactive
Session**

Yes, the answer is correct.
Score: 1

Accepted Answers:
a.

2)

1 point

Which is used for building Docker images and creating Docker containers?

a. Docker Engine

b. Docker Hub

c. Docker Compose

d. None of these

☒ a.

☐ b.

☐ c.

☐ d.

Yes, the answer is correct.
Score: 1

Accepted Answers:
a.

3)

1 point

Consider the following two statements:

Statement 1: Docker containers are pretty lightweight but they are not easily scalable

☐ a.

☒ b.

☐ c.

☐ d.

Yes, the answer is correct.
Score: 1

Accepted Answers:
b.

4)

1 point

☐ a.

☐ b.

☒ c.

☐ d.

Yes, the answer is correct.

Score: 1

Accepted Answers:

c.

5)

1 point

☐ a.

☐ b.

☐ c.

☒ d.

Yes, the answer is correct.

Score: 1

Accepted Answers:

d.

6)

1 point

Statement 1: In the US, the DC substitution-based behavior is determined by the FCMR.

☐ a.

☐ b.

☐ c.

☒ d.

Yes, the answer is correct.

Score: 1

Accepted Answers:

d.

7)

1 point

☒ a.

☐ b.

☐ c.

☐ d.

Yes, the answer is correct.

Score: 1

Accepted Answers:

a.

8) Which of the following(s) is/are aspect(s) of IoT systems?

1 point

- a. Homogeneous systems
- b. Functions in Real Time
- c. Not scalable
- d. Widely Distributed

- ☐ a.
- ☒ b.
- ☐ c.
- ☒ d.

Yes, the answer is correct.

Score: 1

Accepted Answers:

- b.
- d.

9)

1 point

- ☐ a.
- ☐ b.
- ☐ c.
- ☒ d.

Yes, the answer is correct.

Score: 1

Accepted Answers:

- d.

10)

1 point

- ☐ a.
- ☒ b.
- ☐ c.
- ☐ d.

Yes, the answer is correct.

Score: 1

Accepted Answers:

- b.

