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Started on	Wednesday, 28 April 2021, 3:00 PM
State	Finished
Completed on	Wednesday, 28 April 2021, 3:33 PM
Time taken	32 mins 24 secs
Grade	**30.00** out of 30.00 (**100**%)

Question **1**

Correct

Mark 1.00 out of 1.00

-------- is a publicly accessible cloud environment owned by third party cloud provides

○ a. Private cloud

○ b. Hybrid cloud

○ c. None of these

◉ d. Public cloud ✔

Your answer is correct.

The correct answer is:
Public cloud

Question 2

Correct

Mark 1.00 out of 1.00

Some concerns associated with public cloud are

○ a. Control

○ b. Regulatory compliance

○ c. Ownership

◉ d. All of the given   ✔

Your answer is correct.

The correct answer is:
 All of the given

Question 3

Correct

Mark 1.00 out of 1.00

A ------ cloud is owned by a single organization

◉ a. Private cloud   ✔

○ b. Community cloud

○ c. Public cloud

○ d. Hybrid cloud

Your answer is correct.

The correct answer is:
Private cloud

Question **4**

Correct

Mark 1.00 out of 1.00

------- cloud implementation is a mixture of public cloud and private cloud

○ a. Hybrid cloud ✔

○ b. Public cloud

○ c. Community cloud

Your answer is correct.

The correct answer is:
Hybrid cloud

Question **5**

Correct

Mark 1.00 out of 1.00

Before deploying your application to the cloud you have to make sure that

○ a. Application is cloud ready

○ b. All required resources are uploaded

○ c. Extraneous files and artifacts are excluded

○ d. All of the given option ✔

Your answer is correct.

The correct answer is:
All of the given option

Question **6**

Correct

Mark 1.00 out of 1.00

Before deploying your application to the cloud you have to decide which of the following

○ a. Name

○ b. Instance

○ c. Memory Limit

◉ d. All of the given option ✔

Your answer is correct.

The correct answer is:
All of the given option

Question **7**

Correct

Mark 1.00 out of 1.00

The maximum amount of memory that each instance of the app can consume is known as

◉ a. Memory limit ✔

○ b. Bandwidth

○ c. Speed

○ d. None of the given options

Your answer is correct.

The correct answer is:
Memory limit

Question **8**

Correct

Mark 1.00 out of 1.00

Which of the following command is used to deploy an app without manifest

○ a. run

○ b. End

◉ c. cfpush ✔

○ d. None of the given option

Your answer is correct.

The correct answer is:
cfpush

Question **9**

Correct

Mark 1.00 out of 1.00

------------ allows multiple operating systems to run concurrently on a single computer

◉ a. Virtualization ✔

○ b. Paging

○ c. Memory Management

Your answer is correct.

The correct answer is:
Virtualization

Question 10

Correct

Mark 1.00 out of 1.00

Virtualization provides

    ○ a. Ability to encapsulate OS and applications

    ○ b. Hardware independence

    ○ c. Ability to provision virtual machine to any system

    ◉ d. All of the given option ✔

Your answer is correct.

The correct answer is:
All of the given option

Question 11

Correct

Mark 1.00 out of 1.00

-------- is also known as virtual machine monitor

    ◉ a. Hypervisor ✔

    ○ b. Virtualization

    ○ c. Operating System

Your answer is correct.

The correct answer is:
Hypervisor

Question **12**

Correct

Mark 1.00 out of 1.00

Classifications of hypervisor are

○ a. Type 1 hypervisor

○ b. Type 2 hypervisor

◉ c. Both of the given options ✔

Your answer is correct.

The correct answer is:
Both of the given options

Question **13**

Correct

Mark 1.00 out of 1.00

Type 1 hypervisor is further classified into ----------- and microkernalized

◉ a. Monolithic ✔

○ b. Fast

○ c. Microkernalized

○ d. None of the given option

Your answer is correct.

The correct answer is:
Monolithic

Question **14**

Correct

Mark 1.00 out of 1.00

Examples for Type 1 hypervisor

○ a. Vmware ESX

○ b. Microsoft Hyper-V

○ c. Citrix Systems XenServer

◉ d. All of the given options   ✔

Your answer is correct.

The correct answer is:
All of the given options

Question **15**

Correct

Mark 1.00 out of 1.00

Examples for Type 2 hypervisor are

○ a. VmWare Workstation

○ b. Oracle VM Virtual Box

○ c. Microsoft VirtualPC

◉ d. All of the given options   ✔

Your answer is correct.

The correct answer is:
All of the given options

Question **16**

Correct

Mark 1.00 out of 1.00

Data centers are not a single thing, but rather, a conglomeration of elements

Select one:

◉ True ✔

○ False

The correct answer is 'True'.

Question **17**

Correct

Mark 1.00 out of 1.00

----------is a physical facility that organizations use to house their critical applications and data.

○ a. Operating System

○ b. Cloud

◉ c. Data center   ✔

Your answer is correct.

The correct answer is:
Data center

Question 18

Correct

Mark 1.00 out of 1.00

----------is the process of downsizing or consolidating many servers, storage systems, networking systems, or even locations into a more efficient set of systems

- ○ a. Data center consolidation   ✔
- ○ b. Data center cleaning
- ○ c. Data center implementation

Your answer is correct.

The correct answer is:
Data center consolidation

Question 19

Correct

Mark 1.00 out of 1.00

The purpose of data center consolidation is to lower cost and improve performance, among other things

Select one:
- ○ True ✔
- ○ False

The correct answer is 'True'.

Question **20**

Correct

Mark 1.00 out of 1.00

Benefits of datacenter consolidation are

○ a.   Environmental benefits

○ b.   Reduce errors

○ c.   Security

◉ d.   All of the given options   ✔

Your answer is correct.

The correct answer is:
All of the given options

Question **21**

Correct

Mark 1.00 out of 1.00

Some of the risks associated with datacenter consolidation

○ a.   Disrupted Employees

○ b.   Data Loss

○ c.   Operational Downtime

◉ d.   All of the given options   ✔

Your answer is correct.

The correct answer is:
All of the given options

Question **22**

Correct

Mark 1.00 out of 1.00

-----------layer provides the high-speed packet switching backplane for all flows going in and out of the data center.

○ a. Core Layer   ✔

○ b. Aggregation Layer

○ c. Access Layer

Your answer is correct.

The correct answer is:
Core Layer

Question **23**

Correct

Mark 1.00 out of 1.00

Aggregation layer provides important functions like

○ a. Service module integration

○ b. Layer 2 domain definitions

○ c. Server-to-server multi-tier traffic flows

○ d. All of the given options   ✔

Your answer is correct.

The correct answer is:
All of the given options

Question **24**

Correct

Mark 1.00 out of 1.00

Organizations often measure data center energy efficiency through a metric called

a. Power usage effectiveness (PUE) ✔

b. Energy Usage

c. Electricity Consumption

Your answer is correct.

The correct answer is:
Power usage effectiveness (PUE)

Question **25**

Correct

Mark 1.00 out of 1.00

PUE represents the ratio of total power entering the data center divided by the power used by IT equipment

Select one:

True ✔

False

The correct answer is 'True'.

Question **26**

Correct

Mark 1.00 out of 1.00

Different approaches for energy efficiency are

- a. Energy efficient hardware

- b. Virtualization

- c. Energy aware job scheduling

- d. All of the given options ✔

Your answer is correct.

The correct answer is:
All of the given options

Question **27**

Correct

Mark 1.00 out of 1.00

Dynamic provisioning and ease of integrations are advantages of mobile cloud computing

Select one:
- True ✔

- False

The correct answer is 'True'.

Question **28**

Correct

Mark 1.00 out of 1.00

----------refers to the physical practices and virtual technologies used to protect a data center from external threats and attacks

○ a. Data center security ✔

○ b. Portability

○ c. Energy efficiency

○ d. Data center power consumption

Data center power consumption

Your answer is correct.

The correct answer is:

Data center security

Question **29**

Correct

Mark 1.00 out of 1.00

-----------refers to an infrastructure where both the data storage and data processing happen outside of the mobile device

○ a. Mobile Cloud Computing ✔

○ b. Hybrid Cloud

○ c. Private Cloud

Your answer is correct.

The correct answer is:
Mobile Cloud Computing

Question 30

Correct

Mark 1.00 out of 1.00

Advantages of mobile cloud computing are

- ○ a. Extending battery lifetime

- ○ b. Improving reliability and availability

- ○ c. Scalability

- ◉ d. All of the given options   ✔

Your answer is correct.

The correct answer is:
All of the given options

◀ SIT1304 Cloud Computing Assignment 1

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UNIT 1 ▶

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