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**NORTH AMERICAN
UNIVERSITY**
INSPIRATION INNOVATION GLOBAL COMPETENCE

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> Qz2

Started on Wednesday, 8 February 2017, 10:48 PM**State** Finished**Completed on** Wednesday, 8 February 2017, 11:07 PM**Time taken** 19 mins 18 secs**Grade** **80.00** out of 100.00**Question 1**

Complete

Mark 5.00 out of 5.00

Which of the following is an advantage of PaaS solutions:

Select one:

- ☐ a. More current system software
- ☐ b. Scalable solutions
- ☐ c. Lower total cost of ownership
- ☒ d. All of the above
- ☐ e. Lower administration overhead

Question 2

Complete

Mark 5.00 out of 5.00

IaaS providers can also scale resource allocation up or down automatically. Customers, in turn, pay only for the resources they require.

Select one:

- ☒ True
- ☐ False

Question 3

Complete

Mark 5.00 out of 5.00

To eliminate a single point of failure, many companies colocate duplicate data centers.

Select one:

- ☒ True
- ☐ False

Question 4

Complete

Mark 5.00 out of 5.00

Which of the following lead to the high costs of operating an IT data center:

Select one:

- ☐ a. Sufficient air conditioning to eliminate the heat generated by servers and disk storage devices
- ☒ b. All of the above
- ☐ c. Conditioned power with the potential for uninterrupted power supply in the short term and long term through the use of on-site diesel-powered generators
- ☐ d. Administrative staffing to support hardware, networks, and operating systems
- ☐ e. Fire suppression systems

Question 5

Complete

Mark 0.00 out of 5.00

A(n) _____ solution makes all of the computing hardware resources available, and the customers, in turn, are responsible for installing and managing the systems, which they can normally do over the Internet.

Select one:

- ☐ a. Infrastructure as a service
- ☐ b. Software as as service
- ☒ c. Identification as a service
- ☐ d. Platform as a service

Question 6

Complete

Mark 5.00 out of 5.00

IaaS providers normally house data centers for many companies.

Select one:

- ☒ True
- ☐ False

Question 7

Complete

Mark 0.00 out of 5.00

Apple's iCloud is an example of a PaaS.

Select one:

- ☒ True
- ☐ False

Question 8

Complete

Mark 5.00 out of 5.00

Microsoft 365 is an example of a IaaS.

Select one:

- ☐ True
- ☒ False

Question 9

Complete

Mark 0.00 out of 5.00

_____ solutions provide a collection of hardware and software resources that developers can use to build and deploy applications within the cloud.

Select one:

- ☐ a. Infrastructure as a service
- ☐ b. Software as a service
- ☐ c. Identification as a service
- ☒ d. Platform as a service

Question 10

Complete

Mark 5.00 out of 5.00

Early PC-based servers were tower-based systems with a large footprint. They consumed considerable power and generated considerable heat.

Select one:

- ☒ True
- ☐ False

Question 11

Complete Mark 5.00 out of 5.00

Which of the following are characteristics of mainframe computer systems:

Select one:

- ☐ a. Large, expensive disk and tape storage systems that often provided only limited storage capacity
- ☒ b. All of the above
- ☐ c. User interface to the system provided through dumb terminals with limited computer-network interconnectivity
- ☐ d. System security maintained through physical security (few users had direct access to the computer hardware)
- ☐ e. Large capital investment for data-center-based computers

Question 12

Complete Mark 5.00 out of 5.00

_____ is the name of the Google's PaaS:

Select one:

- ☐ a. Google+
- ☐ b. Google Cloud
- ☐ c. Google Docs
- ☒ d. Google App Engine

Question 13

Complete Mark 5.00 out of 5.00

Which of the following is not an advantage of colocation:

Select one:

- ☒ a. None of the them
- ☐ b. Improves performance through a distributed workload
- ☐ c. Makes the company less susceptible to fire and terrorism
- ☐ d. Makes the company less susceptible to downtime due to power loss from a blackout or brownout

Question 14

Complete Mark 5.00 out of 5.00

Internet service providers (ISP) were the first to offer cloud-like remote computing services.

Select one:

- ☒ True
- ☐ False

Question 15

Complete Mark 5.00 out of 5.00

Which of the following is an advantage of an IaaS:

Select one:

- ☐ a. Elimination of an expensive and staff-intensive data center
- ☒ b. All of the above
- ☐ c. Ease of hardware scalability and reduced hardware cost
- ☐ d. On-demand, pay as you go scalability
- ☐ e. Allows complete system administration and management

Question 16

Complete Mark 0.00 out of 5.00

Google App Engine provides an IaaS for PHP and Ruby developers.

Select one:

- ☒ True
- ☐ False

Question 17

Complete Mark 5.00 out of 5.00

Companies normally pay for PaaS solutions on demand for the resources they consume, usually on a per-user basis.

Select one:

- ☒ True
- ☐ False

Question 18

Complete Mark 5.00 out of 5.00

Which of the following is a disadvantage of PaaS solutions:

Select one:

- ☐ a. Communication between the two application types may be difficult to impossible
- ☐ b. Challenges to integrating cloud solutions with legacy software
- ☒ c. All of the above
- ☐ d. Risk of breach by the PaaS provider
- ☐ e. Concerns about data security

Question 19

Complete Mark 5.00 out of 5.00

To handle high-traffic web requests, sites use a technique known as _____, to share the requests across multiple servers.

Select one:

- ☒ a. load balancing
- ☐ b. None of the above
- ☐ c. clouding
- ☐ d. robustness
- ☐ e. mashups

Question 20

Complete

Mark 5.00 out of 5.00

mCloud is Microsoft's PaaS for developers, which includes a Windows platform and access to an MS SQL database.

Select one:

- ☐ True
- ☒ False