

Quiz - Chapter 8

Due Apr 27 at 11:59pm

Points 100

Questions 21

Available Apr 20 at 12am - Apr 27 at 11:59pm 8 days

Time Limit 60 Minutes

Allowed Attempts 2

This quiz was locked Apr 27 at 11:59pm.

Attempt History

	Attempt	Time	Score
LATEST	Attempt 1	23 minutes	100 out of 100

Score for this attempt: **100** out of 100
Submitted Apr 27 at 8:46am
This attempt took 23 minutes.

Correct!

Question 1

4 / 4 pts

One reason the IoT is growing exponentially is because hardware is smaller and more affordable.

☒ True

☐ False

Correct!

Question 2

4 / 4 pts

The term cloud computing originates from a reference to the Internet as a "cloud" and represents an evolution of all of the previously shared/centralized computing trends.

☒ True

☐ False

Question 3

4 / 4 pts

From massive amounts of high-dimensional location data, algorithms that reduce the dimensionality of the data can be used to uncover trends, meaning, and relationships to eventually produce human-understandable representations.

Correct!

☒ True

☐ False

Question 4

4 / 4 pts

RFID can be used in supply chains to manage product quality.

Correct!

☒ True

☐ False

Question 5

4 / 4 pts

IaaS helps provide faster information, but provides information only to managers in an organization.

Correct!

☐ True

☒ False

Question 6**5 / 5 pts**

Today, most smartphones are equipped with various instruments to measure jerk, orientation, and sense motion. One of these instruments is an accelerometer, and the other is a(n)

☐ potentiometer.☒ gyroscope.☐ microscope.☐ oscilloscope.**Correct!****Question 7****5 / 5 pts**

Which of these is NOT a part of the IoT technology infrastructure?

☐ hardware☐ connectivity☒ electrical access☐ software**Correct!****Question 8****5 / 5 pts**

Which of the following allows companies to deploy their software and applications in the cloud so that their customers can use them?

Correct!

☐ SaaS

☐ IaaS

☒ PaaS

☐ AaaS

Question 9

5 / 5 pts

The portion of the IoT technology infrastructure that focuses on the sensors themselves is

Correct!

☒ hardware.

☐ connectivity.

☐ software backend.

☐ applications.

Question 10

5 / 5 pts

Why are companies like IBM shifting to provide more services and consulting?

Correct!

☒ Customers see that significant value can be created with the application of analytics, and need help completing these tasks.

☐ They can no longer compete in the software market.

☐ New regulations forced them into this market.

☐ None of these.

Question 11

5 / 5 pts

What new geometric data type in Teradata's data warehouse captures geospatial features?

☐ NAVTEQ

☒ ST_GEOMETRY

☐ GIS

☐ SQL/MM

Correct!

Question 12

5 / 5 pts

The portion of the IoT technology infrastructure that focuses on how to transmit data is

☐ hardware.

☒ connectivity.

☐ software backend.

☐ applications.

Correct!

Question 13

5 / 5 pts

This model began with the notion that data quality could happen in a centralized place, cleansing and enriching data and offering it to different systems, applications, or users, irrespective of where they were in the organization, computers, or on the network.

☐ SaaS

☐ PaaS

☐ IaaS

☒ DaaS

Correct!

Question 14

5 / 5 pts

_____ is the masking of physical servers from server users.

Your Answer:

server virtualization

Server virtualization

Question 15

5 / 5 pts

Location information from _____ phones can be used to create profiles of user behavior and movement.

Correct!

mobile

Correct Answers

mobile

Question 16

5 / 5 pts

By using _____, businesses can collect and analyze data to discern large-scale patterns of movement and identify distinct classes of behaviors in specific contexts.

Your Answer:

network-connected positioning technologies

location-enabled services

Question 17

5 / 5 pts

A major structural change that can occur when analytics are introduced into an organization is the creation of new organizational _____.

Correct!

units

Correct Answers

units

Question 18

5 / 5 pts

With RFID tags, a(n) _____ tag receives energy from the electromagnetic field created by the interrogator.

Correct!

passive

Correct Answers

passive

Question 19

5 / 5 pts

In general, _____ is the right to be left alone and the right to be free from unreasonable personal intrusion.

Correct!

privacy

Correct Answers

privacy

Question 20

5 / 5 pts

_____ is/are used to capture, store, analyze, and manage data linked to a location using integrated sensor technologies, global positioning systems installed in smartphones, or through RFID deployments in the retail and healthcare industries.

Incorrectly Answered

geographic information systems

Correct Answers

GIS

Question 21

5 / 5 pts

With RFID tags, a(n) _____ tag has a battery on board to energize it.

Correct!

active

Correct Answers

active

Quiz Score: **100** out of 100