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Fundamental Cloud Computing

SOA C90.01

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QUESTION NO: 1

Which of the following characteristics of a software program enables an instance of the program to serve different consumers, with each of these consumers isolated from one another? Select the correct answer.

- A. multi-user
- B. multitenancy
- C. multi-device broker
- D. elasticity

ANSWER: B

QUESTION NO: 2

Over the past 3 years, a cloud service has been unavailable for a total of 48 hours. Additionally, the physical server hosting the cloud service needed to be replaced, during which it was unavailable for 4 days. Based on these statistics over the past 3 years, the availability rating of the cloud service is _____ (rounded to one decimal). Select the correct answer.

- A. 87.2%
- B. 99.5%
- C. 99.7%
- D. 99.9%

ANSWER: B

QUESTION NO: 3

Which of the following are IT resources that can be provided by an environment based on the Infrastructure-as-a-Service (IaaS) delivery model? SELECT ALL THAT APPLY

- A. storage device
- B. operating system
- C. physical server
- D. network device

ANSWER: A B C D

QUESTION NO: 4

Which of the following types of cost metrics make it more difficult to justify the leasing of cloud-based IT resources as an alternative to purchasing on-premise IT resources? SELECT ALL THAT APPLY

- A. cost of capital
- B. sunk costs
- C. integration costs
- D. locked-in costs

ANSWER: B C D

QUESTION NO: 5

Which of the following functions can be performed by service agents? SELECT ALL THAT APPLY

- A. routing
- B. logging
- C. encryption
- D. authentication

ANSWER: A B C D

QUESTION NO: 6

Which of the following are common types of cloud service consumers? Select ALL THAT APPLY

- A. Software programs capable of remotely accessing cloud services with published service contracts.
- B. Services capable of remotely accessing cloud services with published service contracts.
- C. Humans that use workstations running software capable of remotely accessing IT resources positioned as cloud services.
- D. Mobile devices running software capable of remotely accessing IT resources positioned as cloud services.

ANSWER: A B D

QUESTION NO: 7

A(n) _____ cloud is owned by a single organization. It enables an organization to use cloud computing technology as a means of centralizing access to IT resources by different parts of the organization. Select the correct answer.

- A. public
- B. on-premise
- C. private
- D. None of the above.

ANSWER: C

QUESTION NO: 8

Which of the following are technology innovations that contributed to the emergence of cloud computing? Select the correct answer.

- A. clustering technology
- B. grid computing technology
- C. virtualization technology
- D. All of the above.

ANSWER: D

QUESTION NO: 9

Which of the following can exist as cloud-based IT resources? Select ALL THAT APPLY

- A. physical server
- B. virtual server
- C. software program
- D. network device

ANSWER: A B C D

QUESTION NO: 10

Although a cloud will commonly be based on Web protocols and technologies, it is not necessary for a cloud to be Web-based. A cloud can exist with the use of any other remote access protocols. Select the correct answer

- A. True
- B. False

ANSWER: A