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Dashboard > My courses > COMP > COMP 4331.Cloud Computing.2017SPR.s1 > Apr 3 ~ Apr 9
> Qz7

Started on Monday, 10 April 2017, 11:20 PM**State** Finished**Completed on** Monday, 10 April 2017, 11:29 PM**Time taken** 8 mins 19 secs**Question 1**

Complete Marked out of 5.00

_____ describes major components that comprise a system, their relationships, and the information the components exchange.

Select one:

- ☐ a. SOA
- ☒ b. None of the above
- ☐ c. Cloud computing
- ☐ d. Virtualization
- ☐ e. Web services

Question 2

Complete

Marked out of 5.00

The certification authority maintains a(n) ____.

Select one:

- ☐ a. hash value
- ☐ b. algorithm
- ☐ c. SSL
- ☒ d. certificate revocation list

Question 3

Complete

Marked out of 5.00

Which of the following statements is correct?

Select one:

- ☐ a. There is no security risk with symmetrical encryption if the key is moved across the network.
- ☒ b. Asymmetrical encryption is more mathematically complex than symmetrical encryption.
- ☐ c. When asymmetrical encryption is used, the public key is held only by the individual or computer to which it is assigned.
- ☐ d. Symmetrical encryption requires more processing power than symmetrical encryption.

Question 4

Complete

Marked out of 5.00

_____ describes the degree of dependence between a calling program and the web service.

Select one:

- ☐ a. Cohesion
- ☐ b. Localization
- ☒ c. Coupling
- ☐ d. Independence

Question 5

Complete

Marked out of 5.00

Which of the following methods is used to verify the identity of the sender of a message?

Select one:

- ☐ a. Ciphertext
- ☒ b. Authentication
- ☐ c. Nonrepudiation
- ☐ d. Symmetrical encryption

Question 6

Complete

Marked out of 5.00

_____ describes a module for which the software developer does not care how the processing is performed, but instead, knows that the code, when provided valid inputs, will produce predictable results.

Select one:

- ☐ a. Coupling
- ☐ b. Localization
- ☐ c. Virtualization
- ☒ d. A black box

Question 7

Complete

Marked out of 5.00

The use of cryptography is to meet the requirement(s) of _____.

Select one:

- ☒ a. All of the above
- ☐ b. data confidentiality
- ☐ c. nonrepudiation
- ☐ d. authentication
- ☐ e. integrity

Question 8

Complete

Marked out of 5.00

Behind the scenes, a web service uses a _____ file to describe the web service and its methods. Programs that use the web service will use the WSDL file to determine the available functions, parameter types, and more.

Select one:

- ☐ a. method package
- ☐ b. None of the above
- ☐ c. service baggage
- ☒ d. WSDL

Question 9

Complete

Marked out of 5.00

Which one is not a basic encryption method?

Select one:

- ☒ a. SSL
- ☐ b. asymmetric encryption
- ☐ c. hash encryption
- ☐ d. symmetric encryption

Question 10

Complete Marked out of 5.00

Which of the following is a consideration when using Web services:

Select one:

- ☐ a. The solution must be scalable to meet potential demand
- ☒ b. All of the above
- ☐ c. The solution must be developed and deployed by a reputable company
- ☐ d. The solution must provide secure communications to avoid threats such as a man-in-the-middle attack
- ☐ e. The solution cannot be dynamically changed or updated without the company's notification and approval

Question 11

Complete Marked out of 5.00

One of the biggest advantages of web services is their interoperability.

Select one:

- ☒ True
- ☐ False

Question 12

Complete Marked out of 5.00

The term nonrepudiation means that someone cannot deny that he/she has not done something.

Select one:

- ☒ True
- ☐ False

Question 13

Complete Marked out of 5.00

Within a services-oriented architecture, programs make remote-procedure calls to services that reside on servers distributed across the Web.

Select one:

- ☒ True
- ☐ False

Question 14

Complete Marked out of 5.00

Within an SOA application, a program exchanges messages with a web service to call a specific method, and then normally waits for the web service to return its result.

Select one:

- ☒ True
- ☐ False

Question 15

Complete Marked out of 5.00

SSL can provide security with any application layer protocols.

Select one:

- ☒ True
- ☐ False

Question 16

Complete Marked out of 5.00

A key advantage of Web services is performance—the services execute faster than would an equivalent local functional call.

Select one:

- ☐ True
- ☒ False

Question 17

Complete Marked out of 5.00

Integrity prevents information from being seen by unauthorized individuals.

Select one:

- ☐ True
- ☒ False

Question 18

Complete Marked out of 5.00

Using a load-balancing model, developers can scale a web service solution.

Select one:

- ☒ True
- ☐ False

Question 19

Complete

Marked out of 5.00

Confidentiality prevent data from being altered intentionally or unintentionally by unauthorized individuals.

Select one:

- ☐ True
- ☒ False

Question 20

Complete

Marked out of 5.00

Hashing is used to detect if data content has been altered during a data transaction.

Select one:

- ☒ True
- ☐ False