Quiz navigation

1 2 3 4 5 6 7 8 9

Show one page at a time

Finish review

Started on	Tuesday, 5 May 2015, 4:41 PM
State	Finished
Completed on	Tuesday, 5 May 2015, 4:54 PM
Time taken	12 mins 49 secs
Grade	**6.00** out of a maximum of 9.00 (**67**%)

Question 1

Correct

Mark 1.00 out of 1.00

Flag question

An example of an active attack is:

Select one:

- a. Denial of service ✓
- b. Traffic analysis
- c. Release of message contents

The correct answer is: Denial of service

Question 2

Incorrect

Mark 0.00 out of 1.00

Flag question

When decrypting an encrypted message using RSA, which key is used?

Select one:

- a. sender's private key ✗
- b. sender's public key
- c. receiver's public key
- d. receiver's private key

The correct answer is: receiver's private key

Question 3

Correct

Mark 1.00 out of 1.00

Flag question

An example of a symmetric key algorithm is:

Select one:

- a. RSA
- b. MD5
- c. SHA1
- d. DES ✓

The correct answer is: DES

Question 4

Correct

Mark 1.00 out of 1.00

Flag question

How many bits are in a DES key?

Select one:

- a. 96 bits
- b. 56 bits ✓
- c. 128 bits
- d. 64 bits
- e. 32 bits

The correct answer is: 56 bits

Question 5

Correct

Mark 1.00 out of 1.00

Flag question

How many keys are used in a symmetric key algorithm?

Answer: 1

The correct answer is: 1

Question 6

Correct

Mark 1.00 out of 1.00

Flag question

In the ACS Code of Ethics, which among the following has the lowest priority?

Select one:

- a. Integrity
- b. The image of the profession and the society ✓
- c. Confidentiality
- d. Competence

The correct answer is: The image of the profession and the society

Question 7

Correct

Mark 1.00 out of 1.00

Flag question

Digital signature using RSA provides the following service:

Select one:

- a. integrity
- b. authentication ✓
- c. confidentiality

The correct answer is: authentication

Question 8

Incorrect

Mark 0.00 out of 1.00

Flag question

How will a receiver verify a message signed using RSA, when no hash function is used in generating the signature?

Select one:

- a. Decrypt message with sender's public key and compare to original message
- b. Decrypt message with sender's private key and compare to original message
- c. Decrypt message with receiver's private key and compare to original message ✗
- d. Decrypt message with receiver's public key and compare to original message

The correct answer is: Decrypt message with sender's public key and compare to original message

Question 9

Incorrect

Mark 0.00 out of 1.00

Flag question

When encrypting a message using RSA, which key is used?

Select one:

- a. sender's private key
- b. receiver's public key
- c. sender's public key ✗
- d. receiver's private key

The correct answer is: receiver's public key

Finish review