Van Linh Ha   **3** ▾

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Information System Security SEC625SAA.07165.2191   <u>Test</u>   Review Test Submission: Test 2

Review Test Submission: Test 2

User	Van Linh Ha
Course	Information System Security
Test	Test 2
Started	2/21/19 3:43 PM
Submitted	2/21/19 4:09 PM
Status	Completed
Attempt Score	17 out of 25 points
Time Elapsed	26 minutes out of 30 minutes
Results Displayed	All Answers, Submitted Answers, Correct Answers

Question 1   1 out of 1 points

In Asymmetric key encryption, the same keys are used for encrypting and decrypting the information.

Selected Answer: ✅ False
Answers: True
                   ✅ False

Question 2   1 out of 1 points

Authentication confirms to the receiver that the data received has been sent only by an identified and verified sender

Selected Answer: ✅ True
Answers: ✅ True
                   False

Question 3   1 out of 1 points

In the Virtue of Higher Focus, higher practices are security practices that guide us through the details of security issues by maintaining a focus on the bigger picture.

← **OK**

Selected Answer: ✅ True

Answers: ✅ True

         False

Question 4

1 out of 1 points

In the Virtue of Education, security is a lonely task that can be performed by a single individual

Selected Answer: ✅ False

Answers: True

         ✅ False

Question 5

0 out of 1 points

Integrity service confirms whether data is intact or not since it was last transmitted by a none authorized user

Selected Answer: ❌ True

Answers: True

         ✅ False

Question 6

1 out of 1 points

One of the Network security questions is; are systems properly segmented?

Selected Answer: ✅ True

Answers: ✅ True

         False

Question 7

0 out of 1 points

Transposition Cipher changes the position of the keys

Selected Answer: ❌ True

Answers: True

         ✅ False

Question 8

1 out of 1 points

In a symmetric cipher, one of the big problems of key distribution is; face to face meeting or use a trusted courier.

Selected Answer: ✅ True

Answers: ✅ True

False

Question 9

1 out of 1 points

Two requirements for secure use of symmetric encryption:

- A strong encryption algorithm
- A secret key is known only to sender/receiver

Selected Answer: ✅ True

Answers: ✅ True

False

Question 10

1 out of 1 points

In the Virtue of Education, security is not a lonely task that can be performed by a single individual

Selected Answer: ✅ True

Answers: ✅ True

False

Question 11

0 out of 1 points

Decryption algorithm is m=(c-k) mod 26. The ciphertext is "zus" and the key is k=6. What is the plaintext of it:

Selected Answer: ❌ zus

Correct Answer:

Evaluation Method	Correct Answer	Case Sensitivity
✅ *Exact Match*	tom	

Question 12

1 out of 1 points

Which one is a network security tool? **(choose 3 options)**

Selected Answers: ✅ egressbuster

✅ Netcat (nc), Ncat (ncat)

✅ Aircrack-ng

Answers: ✅ egressbuster

sfc, mmc

✅ Netcat (nc), Ncat (ncat)

top, lynx

✅ Aircrack-ng

Question 13

1 out of 1 points

In asymmetric, public and private keys are: (choose two)

Selected Answers: ✅ Public keys known to anyone needs to be published

✅ Private key is a secret key known by the owner only

Answers: ✅ Public keys known to anyone needs to be published

Private keys known to anyone needs to be published

✅ Private key is a secret key known by the owner only

Public key is a secret key known by the owner only

Question 14

0 out of 1 points

A method /algorithm that encrypts or disguises "text"

Selected Answer: ❌ Ciphertext

Answers: Cryptanalysis

✅ Cipher

Key

Ciphertext

Question 15

1 out of 1 points

Which rule of 8 rule is:

"Determine if the subject really needs access to the object, under what circumstances, through which means, and how important it is that it gains such access."

Selected Answer: ✅ Least Privilege

Answers: Separation

Three-fold process

The weakest link

✅ Least Privilege

Question 16

1 out of 1 points

What is the Three-fold process rule included?

Selected Answer: ✅ implementation, monitoring, and maintenance

Answers: implementation, measure, and maintenance

                  security, monitoring, and maintenance

                  ✅ implementation, monitoring, and maintenance

                  security, encryption, risk

Question 17

1 out of 1 points

The primary objective of using cryptography is to provide the four fundamental information security services. Which following option has all 4 services?

Selected Answer: ✅ Confidentiality, Integrity, Authentication, Non-repudiation

Answers: Confidentiality, Repudiation, Integrity, Authentication

                  Confidentiality, Non-Integrity, Authentication, Non-repudiation

                  Confidentiality, Repudiation, Non-Integrity, Authentication

                  ✅ Confidentiality, Integrity, Authentication, Non-repudiation

Question 18

0 out of 1 points

Which rule of 8 rule has the following practice:

"During the response, an incident response plan should be followed to avoid making mistakes or panicking."

Selected Answer: ❌ Preventative action

Answers: Preventative action

                  ✅ Immediate and proper response

                  Three-fold process

                  Trust

Question 19

1 out of 1 points

In the Virtue of Daily Consideration, there are 3 steps to success. Which one is NOT one of these stepts:

Selected Answer: ✅ Do something without thinking about security

Answers: Think about security.

                  Do something

                  Continue to think about security.

                  ✅ Do something without thinking about security

Question 20

1 out of 1 points

In traditional Cipher, the two basic building blocks of all encryption techniques are:

Selected Answer: ✅ substitution and transposition

Answers: Public and private keys

subtraction and transposition

✅ substitution and transposition

substitution and transportation

Question 21

0 out of 1 points

In the Virtues of Community Effort, which of the following option is NOT inner security community:

Selected Answer: ❌ Integrate the end users into the local security practices

Answers: Us, our end-users, our management

End users are our valuable allies

✅ Keep ourselves safe so that others will be safe from us

Integrate the end users into the local security practices

Question 22

1 out of 1 points

The undisguised text is called _____.

Selected Answer: ✅ plaintext
Correct Answer:

Evaluation Method	Correct Answer	Case Sensitivity
✅ Exact Match	plaintext	
✅ Exact Match	plain text	

Question 23

0 out of 1 points

The term "Science of secrets" means _____.

Selected Answer: ❌ cryptography
Correct Answer:

Evaluation Method	Correct Answer	Case Sensitivity
✅ Exact Match	cryptology	

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Question 24

1 out of 1 points

Hacking stages are (in order):

1. Information Gathering
2. **[1]**
3. Identifying Active Machines
4. **[2]**
5. **[3]**

Use the following options:

- Determine the Network Range
- Passive Information Gathering (Foot Printing)
- Determining Operating Systems
- Identifying Open Ports/Services

Specified Answer for: 1 ✅ Determine the Network Range

Specified Answer for: 2 ✅ Identifying Open Ports/Services

Specified Answer for: 3 ✅ Determining Operating Systems

Correct Answers for: 1		
Evaluation Method	**Correct Answer**	**Case Sensitivity**
✅ Exact Match	Determine the Network Range	
✅ Exact Match	Determining the Network Range	
✅ Exact Match	Determine Network Range	
✅ Exact Match	Determining Network Range	
Correct Answers for: 2		
Evaluation Method	**Correct Answer**	**Case Sensitivity**
✅ Exact Match	Identifying Open Ports/Services	
✅ Exact Match	Identify Open Ports/Services	
Correct Answers for: 3		
Evaluation Method	**Correct Answer**	**Case Sensitivity**
✅ Exact Match	Determining Operating Systems	
✅ Exact Match	Determining the Operating Systems	
✅ Exact Match	Determine Operating Systems	

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✅ *Exact Match*	Determine the Operating Systems

Question 25

0 out of 1 points

Write the port number of the following services:

Service	Port Number
FTP (both ports)	**[1]**
Telnet	**[2]**
DNS	**[3]**
LDAP	**[4]**
HTTPS	**[5]**
RDP (Remote Desktop P.)	**[6]**

The options are:

20, 22, 23, 3389, 53, 56, 389, 1389, 443, 143, 110, 25, 21

Specified Answer for: 1 ❌ 20,21

Specified Answer for: 2 ✅ 23

Specified Answer for: 3 ✅ 53

Specified Answer for: 4 ✅ 389

Specified Answer for: 5 ✅ 443

Specified Answer for: 6 ✅ 3389

Correct Answers for: 1		
Evaluation Method	**Correct Answer**	**Case Sensitivity**
✅ *Exact Match*	20, 21	
Correct Answers for: 2		
Evaluation Method	**Correct Answer**	**Case Sensitivity**
✅ *Exact Match*	23	
Correct Answers for: 3		
Evaluation Method	**Correct Answer**	**Case Sensitivity**
✅ *Exact Match*	53	
Correct Answers for: 4		
Evaluation Method	**Correct Answer**	**Case Sensitivity**
✅ *Exact Match*	389	
Correct Answers for: 5		
Evaluation Method	**Correct Answer**	**Case Sensitivity**
✅ *Exact Match*	443	

Correct Answers for: 6		
Evaluation Method	**Correct Answer**	**Case Sensitivity**
✅ *Exact Match*	3389	

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