Question 1

Correct

Mark 2.00 out of 2.00

⚑ Flag question

A computer is presenting a user with a screen requesting payment before the user data is allowed to be accessed by the same user. What type of malware is this?

Select one:

○ a type of virus

○ a type of logic bomb

○ a type of worm

◉ a type of ransomware ✔

Refer to curriculum topic: 3.1.1
Ransomware commonly encrypts data on a computer and makes the data unavailable until the computer user pays a specific sum of money.

The correct answer is: a type of ransomware

Question 2

Correct

Mark 2.00 out of 2.00

⚑ Flag question

An attacker is sitting in front of a store and wirelessly copies emails and contact lists from nearby unsuspecting user devices. What type of attack is this?

Select one:

○ smishing

○ bluejacking

○ RF jamming

◉ bluesnarfing ✔

Refer to curriculum topic: 3.3.2
Blusnarfing is the copying of user information through unauthorized Bluetooth transmissions.

The correct answer is: bluesnarfing

What is the term used when a malicious party sends a fraudulent email disguised as being from a legitimate, trusted source?

Question 3

Correct

Mark 2.00 out of 2.00

⚑ Flag question

What is the term used when a malicious party sends a fraudulent email disguised as being from a legitimate, trusted source?

Select one:

○ backdoor

○ social engineering

○ Trojan

⦿ phishing ✔

○ vishing

Refer to curriculum topic: 3.1.2

Phishing is used by malicious parties who create fraudulent messages that attempt to trick a user into either sharing sensitive information or installing malware.

The correct answer is: phishing

Question 4

Correct

Mark 2.00 out of 2.00

⚑ Flag question

What is the term used to describe an email that is targeting a specific person employed at a financial institution?

Select one:

○ vishing

⦿ spear phishing ✔

○ spam

○ target phishing

○ spyware

Refer to curriculum topic: 3.1.2

Spear phishing is a phishing attack customized to reach a specific person or target.

Question 5

Correct

Mark 2.00 out of 2.00

⚐ Flag question

What is the meaning of the term logic bomb?

Select one:

○ a malicious program that hides itself in a legitimate program

○ a malicious worm

○ a malicious virus

◉ a malicious program that uses a trigger to awaken the malicious code ✔

Refer to curriculum topic: 3.1.1

A logic bomb remains inactive until a trigger event occurs. Once activated, a logic bomb runs malicious code that causes harm to a computer.

The correct answer is: a malicious program that uses a trigger to awaken the malicious code

Question 6

Correct

Mark 2.00 out of 2.00

⚐ Flag question

What is a vulnerability that allows criminals to inject scripts into web pages viewed by users?

Select one:

○ SQL injection

◉ Cross-site scripting ✔

○ XML injection

○ buffer overflow

Refer to curriculum topic: 3.3.3

Cross-site scripting (XSS) allows criminals to inject scripts that contain malicious code into web applications.

The correct answer is: Cross-site scripting

Question 7

What are two ways to protect a computer from malware? (Choose two.)

Question 7

Correct

Mark 3.00 out of 3.00

⚑ Flag question

What are two ways to protect a computer from malware? (Choose two.)

Select one or more:

- ☑ Use antivirus software. ✔
- ☐ Defragment the hard disk.
- ☐ Delete unused software.
- ☑ Keep software up to date. ✔
- ☐ Empty the browser cache.

Refer to curriculum topic: 3.1.1
At a minimum, a computer should use antivirus software and have all software up to date to defend against malware.

The correct answers are: Use antivirus software., Keep software up to date.

Question 8

Correct

Mark 2.00 out of 2.00

⚑ Flag question

What are two of the tactics used by a social engineer to obtain personal information from an unsuspecting target? (Choose two.)

Select one or more:

- ☑ intimidation ✔
- ☑ urgency ✔
- ☐ honesty
- ☐ integrity
- ☐ compassion

Refer to curriculum topic: 3.2.1
Social engineering tactics include the following:

- Authority
- Intimidation
- Consensus/Social Proof
- Scarcity

The correct answers are: intimidation, urgency

Question 9

Correct

Mark 2.00 out of 2.00

⚐ Flag question

What is the name for the type of software that generates revenue by generating annoying pop-ups?

Select one:

- ⦿ adware ✔
- ◯ spyware
- ◯ trackers
- ◯ pop-ups

Refer to curriculum topic: 3.1.2

Adware is a type of malware that displays pop-ups on a computer to generate revenue for the creator of the malware.

The correct answer is: adware

Question 10

Correct

Mark 2.00 out of 2.00

⚐ Flag question

What type of attack targets an SQL database using the input field of a user?

Select one:

- ◯ Cross-site scripting
- ◯ buffer overflow
- ◯ XML injection
- ⦿ SQL injection ✔

Refer to curriculum topic: 3.3.3

A criminal can insert a malicious SQL statement in an entry field on a website where the system does not filter the user input correctly.

The correct answer is: SQL injection

Question 11

Correct

Mark 2.00 out of 2.00

⚑ Flag question

Which term describes the sending of a short deceptive SMS message used to trick a target into visiting a website?

Select one:

○ spam

○ grayware

○ impersonation

◉ smishing ✔

Refer to curriculum topic: 3.3.2

Smishing is also known as SMS phishing and is used to send deceptive text messages to trick a user into calling a phone number or visiting a specific website.

The correct answer is: smishing

Question 12

Correct

Mark 2.00 out of 2.00

⚑ Flag question

What is the difference between a virus and a worm?

Select one:

○ Worms require a host file but viruses do not.

○ Viruses self-replicate but worms do not.

◉ Worms self-replicate but viruses do not. ✔

○ Viruses hide in legitimate programs but worms do not.

Refer to curriculum topic: 3.1.1

Worms are able to self-replicate and exploit vulnerabilities on computer networks without user participation.

The correct answer is: Worms self-replicate but viruses do not.

Question 13

Correct

Mark 2.00 out of 2.00

⚑ Flag question

A criminal is using software to obtain information about the computer of a user. What is the name of this type of software?

Select one:

◉ spyware ✔

○ virus

○ phishing

○ adware

Refer to curriculum topic: 3.1.2

Spyware is software that tracks the activity of a user and obtains information about that user.

The correct answer is: spyware

Question 14

Correct

Mark 2.00 out of 2.00

⚑ Flag question

What is the name given to a program or program code that bypasses normal authentication?

Select one:

○ worm

◉ backdoor ✔

○ virus

○ Trojan

○ ransomware

Refer to curriculum topic: 3.1.1

A backdoor is a program or program code implemented by a criminal to bypass the normal authentication that is used to access a system.

The correct answer is: backdoor

Question 15

Correct

Mark 2.00 out of 2.00

⚑ Flag question

Which two reasons describe why WEP is a weak protocol? (Choose two.)

Select one or more:

☐ WEP uses the same encryption features as Bluetooth.

☑ The key is transmitted in clear text. ✔

☑ The key is static and repeats on a congested network. ✔

☐ Everyone on the network uses a different key.

☐ The default settings cannot be modified.

Refer to curriculum topic: 3.3.2
The initialization vector (IV) of WEP is as follows:

- Is a 24-bit field, which is too small
- Is cleartext and readable
- Is static and causes identical key streams to repeat on a busy network

The correct answers are: The key is transmitted in clear text., The key is static and repeats on a congested network.

Question 16

Correct

Mark 2.00 out of 2.00

⚑ Flag question

What occurs on a computer when data goes beyond the limits of a buffer?

Select one:

○ an SQL injection

○ cross-site scripting

○ a system exception

⦿ a buffer overflow ✔

Refer to curriculum topic: 3.3.3
A buffer overflow occurs by changing data beyond the boundaries of a buffer and can lead to a system crash, data compromise, or cause escalation of privileges.

The correct answer is: a buffer overflow

What are two common indicators of spam mail? (Choose two.)

Select one or more:

- ☑ The email has no subject line. ✔
- ☐ The email has keywords in it.
- ☐ The email is from your supervisor.
- ☐ The email is from a friend.
- ☑ The email has misspelled words or punctuation errors or both. ✔
- ☐ The email has an attachment that is a receipt for a recent purchase.

Refer to curriculum topic: 3.1.2
Spam is a common method of advertising through the use of unsolicited email and may contain malware.

The correct answers are: The email has no subject line., The email has misspelled words or punctuation errors or both.

What does a rootkit modify?

Select one:

- ○ Defragment the hard disk.
- ○ Keep software up to date.
- ○ Microsoft Word
- ○ Delete unused software.
- ○ screen savers
- ○ Notepad
- ○ programs
- ⦿ operating system ✔