Test Bank for Cyberspace Cybersecurity and Cybercrime 1st Edition by Kremling IBSN 9781506347257

Full Download: http://downloadlink.org/product/test-bank-for-cyberspace-cybersecurity-and-cybercrime-1st-edition-by-kremling-in-

Instructor Resource Kremling, *Cyberspace, Cybersecurity, and Cybercrime* SAGE Publishing, 2018

Chapter 2: What Is Cybersecurity?

Test Bank

Multiple Choice

Difficulty Level: Medium

 In 1988, the Defense Advances Research Projects Agency (DARPA) created the with the goal of striving for a safer and stronger Internet for all Americans. a. Computer Emergency Readiness Team b. North American Aerospace Defense Command c. National Security Agency d. Advanced Research Projects Agency Network Ans: A Learning Objective: 2-2: Analyze the origin of cyberspace legislation and the direction it is headed in the future. Cognitive Domain: Knowledge Answer Location: Origins and Nature of Cybersecurity Difficulty Level: Easy
2. In 1987, the strengthened the security measures for online systems. a. Federal Computer Systems Protection Act b. Computer Security Act c. Homeland Security Act d. Cybersecurity Enhancement Act
Ans: B Learning Objective: 2-2: Analyze the origin of cyberspace legislation and the direction it is headed in the future. Cognitive Domain: Knowledge Answer Location: Origins and Nature of Cybersecurity Difficulty Level: Medium
 3. Submarine Network Policy is used to secure devices at the level. a. local b. state c. federal d. corporate Ans: D
Learning Objective: 2-4: Discuss the role that wireless networks have played in making the issue of cybersecurity even more complex. Cognitive Domain: Comprehension Answer Location: Securing Your Wi-Fi in a Wireless World

Instructor Resource Kremling, Cyberspace, Cybersecurity, and Cybercrime

	SAGE Publishing, 2018
television stud a. Botulism b. Anthrax c. Cholera d. Ebola Ans: B	bacterial disease, weaponized in powder form, which was sent to various lios and congressional offices via mail in the early 2000s. ctive: 2-1: Understand the evolving nature of the term <i>cybersecurity</i> and
the challenges Cognitive Don	s presented with it. nain: Knowledge on: Definition of Cybersecurity
cyber via the ca. Central Interest. Federal Burc. National Sed. Department Ans: C Learning Object.	is responsible for collecting and decrypting threats both physical and use of Signal Intelligence. Iligence Agency reau of Investigation curity Agency of Homeland Security ctive: 2-1: Understand the evolving nature of the term <i>cybersecurity</i> and a presented with it.
•	nain: Knowledge on: Definition of Cybersecurity I: Easy
6. The role of a. Secretary of b. Secretary of d. Secretary of d. Secretary of Ans: D	f Treasury f State
Learning Objethe challenges Cognitive Don	ctive: 2-1: Understand the evolving nature of the term <i>cybersecurity</i> and spresented with it. nain: Knowledge on: Definition of Cybersecurity I: Easy
_	rs or other means of transportation, such as airplanes, is an example of a seen in which of the following techniques? Cloud

- b. Man in the Internet of Thingsc. Man in the Appd. Man in the Browser

Ans: B

Learning Objective: 2-4: Discuss the role that wireless networks (Wi-Fi) have played in making the issue of cybersecurity even more complex.

Cognitive Domain: Comprehension

Answer Location: Man-in-the-Middle Attacks

Difficulty Level: Easy

- 8. Which of the following themes within the cybersecurity conceptualization literature was NOT identified by Craigen and his team?
- a. events
- b. human engagement
- c. funding
- d. technological solutions

Ans: C

Learning Objective: 2-1: Understand the evolving nature of the term *cybersecurity* and

the challenges presented with it. Cognitive Domain: Application

Answer Location: Definition of Cybersecurity

Difficulty Level: Medium

- 9. Which of the following was NOT identified as a recommendation for increasing automotive cybersecurity?
- a. third-party testing
- b. aesthetic design
- c. internal monitoring systems
- d. segmented architecture

Ans: B

Learning Objective: 2-4: Discuss the role that wireless networks (Wi-Fi) have played in making the issue of cybersecurity even more complex.

Cognitive Domain: Application

Answer Location: Man-in-the-Middle Attacks

Difficulty Level: Medium

10. According to General Michael Hayden, a cybersecurity knowledge gap exists between _____.

- a. youthful generation and older generation
- b. men and women
- c. individuals of different ethnicities
- d. private- and public-sector employees

Ans: A

Learning Objective: 2-1: Understand the evolving nature of the term *cybersecurity* and the challenges presented with it.

Cognitive Domain: Application

Answer Location: Definition of Cybersecurity

Difficulty Level: Medium

11. The Computer Emergency Despense Team (CEDT) investigated the author
11. The Computer Emergency Response Team (CERT) investigated the cyber intrusion that became known as Moonlight Maze. a. Navy's
b. Marines'
c. Army's d. Air Force's
Ans: D
Learning Objective: 2-4: Discuss the role that wireless networks have played in making the issue of cybersecurity even more complex. Cognitive Domain: Knowledge
Answer Location: Overview of Cyberspace Intrusions
Difficulty Level: Easy
12. According to the text, dams, railways, and power plants are considered a. businesses b. infrastructures
c. governments d. organizations
Ans: B
Learning Objective: 2-3: Differentiate between private and public-sector cybersecurity and the pros and cons of each. Cognitive Domain: Knowledge
Answer Location: Cybersecurity Policies
Difficulty Level: Easy
13. Work-for-hire hackers who work for private security corporations are also referred to as
a. blue teams
b. black teams c. red teams
d. green teams
Ans: C Learning Objective: 2-3: Differentiate between private and public-sector cybersecurity
and the pros and cons of each.
Cognitive Domain: Comprehension
Answer Location: Cybersecurity Policies Difficulty Level: Easy
14. All of the following are considered public sector entities EXCEPT
a. NSA
b. CIA c. FusionX
d. DHS
Ans: C
Learning Objective: 2-3: Differentiate between private and public-sector cybersecurity and the pros and cons of each.

Cognitive Domain: Knowledge Answer Location: Cybersecurity Policies Difficulty Level: Easy
15 became notorious for being the one of the first cybersecurity intrusions to illustrate how vulnerable our technology is to malicious infiltration. a. Titan Rain b. Moonlight Maze c. Solar Sunrise d. GhostNet Ans: B Learning Objective: 2-4: Discuss the role that wireless networks (Wi-Fi) have played in making the issue of cybersecurity even more complex. Cognitive Domain: Knowledge Answer Location: Overview of Cyberspace Intrusions Difficulty Level: Easy
16 occur when a computer system is accessed without permission. a. Distributed denial of services b. Rogue access points c. Micro-segments d. Network intrusions Ans: D Learning Objective: 2-4: Discuss the role that wireless networks (Wi-Fi) have played in making the issue of cybersecurity even more complex. Cognitive Domain: Comprehension Answer Location: Network-Based Attacks Difficulty Level: Easy
17 refers to attacks where a mass email is sent to multiple computers, requesting personal information be sent to a specific location. a. Phishing b. Distributed denial of service c. Malware d. Keylogging Ans: A Learning Objective: 2-4: Discuss the role that wireless networks (Wi-Fi) have played in making the issue of cybersecurity even more complex. Cognitive Domain: Comprehension Answer Location: Network-Based Attacks Difficulty Level: Easy
18 allowing individuals to access secured networks without the owners' knowledge is also known as a backdoor.a. Noisy neighborsb. Phishing attacks

c. Rogue access points

d. Man-in-the-middle attacks

Ans: C

Learning Objective: 2-4: Discuss the role that wireless networks (Wi-Fi) have played in

making the issue of cybersecurity even more complex.

Cognitive Domain: Comprehension Answer Location: Wireless Attacks

Difficulty Level: Easy

- 19. Which of the following types of attacks can also happen accidentally?
- a. phishing
- b. man-in-the-middle
- c. malware
- d. noisy neighbors

Ans: D

Learning Objective: 2-4: Discuss the role that wireless networks (Wi-Fi) have played in making the issue of cybersecurity even more complex.

Cognitive Domain: Application Answer Location: Wireless Attacks

Difficulty Level: Easy

20. The interception of a message by a third party is also referred to as a _____ attack.

- a. phishing
- b. human error
- c. noisy neighbor
- d. man-in-the-middle

Ans: D

Learning Objective: 2-4: Discuss the role that wireless networks (Wi-Fi) have played in making the issue of cybersecurity even more complex.

Cognitive Domain: Comprehension Answer Location: Wireless Attacks

Difficulty Level: Easy

- 21. The _____ technique, also referred to as a banking Trojan, operates in the background of the computer by modifying banking transactions.
- a. man-in-the-middle
- b. WiFi eavesdropping
- c. man-in-the-browser
- d. man-in-the-cloud

Ans: C

Learning Objective: 2-4: Discuss the role that wireless networks (Wi-Fi) have played in making the issue of cybersecurity even more complex.

Cognitive Domain: Comprehension

Answer Location: Man-in-the-Middle Attacks

Difficulty Level: Easy

a. man-in-the-mb. man-in-the-clc. man-in-the-bd. WiFi eavesdr Ans: B Learning Object making the issue Cognitive Doma	oud owser opping ive: 2-4: Discuss the role that wireless networks (Wi-Fi) have played in e of cybersecurity even more complex. in: Comprehension n: Man-in-the-Middle Attacks
23. Thethermostats, etc a. man-in-the-lob. man-in-the-cl c. man-in-the-bl d. WiFi eavesdr Ans: A	T oud owser
Learning Object making the issu Cognitive Doma	ive: 2-4: Discuss the role that wireless networks (Wi-Fi) have played in e of cybersecurity even more complex. in: Comprehension n: Man-in-the-Middle Attacks Easy
24. Making mist	akes that can lead to security vulnerabilities is also referred to as
a. malicious inte b. human error c. interference d. espionage Ans: B	ent
Learning Object making the issu Cognitive Doma	ive: 2-4: Discuss the role that wireless networks (Wi-Fi) have played in e of cybersecurity even more complex. in: Comprehension n: Wireless Attacks Medium

Learning Objective: 2-4: Discuss the role that wireless networks (Wi-Fi) have played in

making the issue of cybersecurity even more complex.

Cognitive Domain: Comprehension

Answer Location: Man-in-the-Middle Attacks

Difficulty Level: Medium

True/False

1. The Computer Security Act was one of the first legislations to advance the protection of federal computers.

Ans: T

Learning Objective: 2-2: Analyze the origin of cyberspace legislation and the direction it

is headed in the future.

Cognitive Domain: Knowledge

Answer Location: Origins and Nature of Cybersecurity

Difficulty Level: Easy

2. According to the text, preparing for a cyberattack was a top priority for national security in the late 1980s.

Ans: F

Learning Objective: 2-2: Analyze the origin of cyberspace legislation and the direction it

is headed in the future.

Cognitive Domain: Knowledge

Answer Location: Origins and Nature of Cybersecurity

Difficulty Level: Easy

3. The aftermath of 9/11 led to an increase in cybersecurity strategies.

Ans: T

Learning Objective: 2-2: Analyze the origin of cyberspace legislation and the direction it

is headed in the future.

Cognitive Domain: Knowledge

Answer Location: Origins and Nature of Cybersecurity

Difficulty Level: Easy

4. Critical infrastructures include transportation, electrical grid system, and banking systems.

Ans: T

Learning Objective: 2-1: Understand the evolving nature of the term *cybersecurity* and

the challenges presented with it. Cognitive Domain: Comprehension

Answer Location: Definition of Cybersecurity

Difficulty Level: Easy

5. Defining cybersecurity is not an issue in the academe.

Ans: F

Learning Objective: 2-1: Understand the evolving nature of the term cybersecurity and

the challenges presented with it. Cognitive Domain: Comprehension

Answer Location: Definition of Cybersecurity

Difficulty Level: Easy

6. The National Cybersecurity and Communications Integration Center works alone in reducing the probability and the damage caused by cyberattacks.

Ans: F

Learning Objective: 2-3: Differentiate between private and public-sector cybersecurity

and the pros and cons of each.

Cognitive Domain: Comprehension

Answer Location: Cybersecurity Policies

Difficulty Level: Medium

7. Malware is readily available for purchase and/or download.

Ans: T

Learning Objective: 2-4: Discuss the role that wireless networks (Wi-Fi) have played in

making the issue of cybersecurity even more complex.

Cognitive Domain: Knowledge

Answer Location: Overview of Cyberspace Intrusions

Difficulty Level: Easy

8. The majority of critical infrastructure in the United States is owned by the public sector.

Ans: F

Learning Objective: 2-3: Differentiate between private and public-sector cybersecurity

and the pros and cons of each. Cognitive Domain: Knowledge

Answer Location: Cybersecurity Policies

Difficulty Level: Medium

9. White hat hackers work for private corporations to expose vulnerabilities in their security systems.

Ans: T

Learning Objective: 2-3: Differentiate between private and public-sector cybersecurity

and the pros and cons of each.
Cognitive Domain: Comprehension
Answer Location: Cybersecurity Policies

Difficulty Level: Easy

10. According to the text, network attacks are attractive because they can go undetected and the perpetrators are difficult to trace.

Ans: T

Learning Objective: 2-4: Discuss the role that wireless networks (Wi-Fi) have played in making the issue of cybersecurity even more complex.

Cognitive Domain: Comprehension

Answer Location: Network-Based Attacks

Difficulty Level: Medium

Essay

1. Explain the difficulties in defining cybersecurity.

Ans: A strong answer will contain the issues of conceptualization and should provide an example of how conceptualization can differ depending on the context, such as the one identified in the text (criminal justice standpoint).

Learning Objective: 2-1: Understand the evolving nature of the term *cybersecurity* and the challenges presented with it.

Cognitive Domain: Analysis

Answer Location: Definition of Cybersecurity

Difficulty Level: Hard

2. Describe the cybersecurity gap. Do you agree with the assertion of former Central Intelligence Agency director General Michael Hayden that there is a cybersecurity knowledge gap? Why or why not?

Ans: Answers will vary. However, a strong answer will include the differentiation between technological use among youthful and older generations.

Learning Objective: 2-1: Understand the evolving nature of the term *cybersecurity* and the challenges presented with it.

Cognitive Domain: Analysis

Answer Location: Definition of Cybersecurity

Difficulty Level: Medium

- 3. Identify the five dominant themes within the cybersecurity conceptualization literature. Which of these do you think is predominant in the conceptualization literature? Why? Ans: Answers will vary. A good answer will identify each of the following.
 - 1. Technological solutions
 - 2. Events
 - 3. Strategies, procedures, and methods
 - 4. Human engagement
 - 5. Referent objects (of security)

Learning Objective: 2-1: Understand the evolving nature of the term *cybersecurity* and the challenges presented with it.

Cognitive Domain: Comprehension

Answer Location: Definition of Cybersecurity

Difficulty Level: Medium

4. Identify and describe the two main forms of network-based attacks. How are they different? Use examples to differentiate the two.

Ans: A strong answer will include the definition of both untargeted and targeted attacks, in addition to their differences (victims, random versus chosen, etc.).

Test Bank for Cyberspace Cybersecurity and Cybercrime 1st Edition by Kremling IBSN 9781506347257

Full Download: http://downloadlink.org/product/test-bank-for-cyberspace-cybersecurity-and-cybercrime-1st-edition-by-kremling-id-

Instructor Resource Kremling, *Cyberspace, Cybersecurity, and Cybercrime* SAGE Publishing, 2018

Learning Objective: 2-4: Discuss the role that wireless networks (Wi-Fi) have played in

making the issue of cybersecurity even more complex.

Cognitive Domain: Comprehension

Answer Location: Network-Based Attacks

Difficulty Level: Medium

5. Identify the benefits of wireless technology and the associated risks/vulnerabilities. Ans: A strong answer will include benefits such as convenience, ease of access, productivity, flexibility, etc. Associated risks can include less security, human error, rogue access points, noisy neighbors, and man-in-the-middle attacks. Learning Objective: 2-4: Discuss the role that wireless networks (Wi-Fi) have played in making the issue of cybersecurity even more complex.

Cognitive Domain: Comprehension Answer Location: Wireless Attacks

Difficulty Level: Medium