Principles of Information Security 7th edition Whitman Test Bank

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Name:_____ Class:_____ Date:_____

Module 1 Introduction to Information Security

True / False

1. During the early years of computing, the primary threats to security were physical theft of equipment, espionage against the products of the systems, and sabotage.

a. True

b. False

ANSWER: True
POINTS: 1
DIFFICULTY: Easy
REFERENCES: H1: Introduction to Information Security
p. 2
QUESTION TYPE: True / False
HAS VARIABLES: False
LEARNING OBJECTIVES: POIS.WHMA.22.01.2 - Discuss the history of computer security and explain how it evolved into Information security
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2. Network security focuses on the protection of physical items, objects, or areas from unauthorized access and misuse.

a. True

b. False

ANSWER: False
POINTS: 1
REFERENCES: H1: What is Security?
p. 8
QUESTION TYPE: True / False
HAS VARIABLES: False
LEARNING OBJECTIVES: POIS.WHMA.22.01.3 - Define key terms and critical concepts of information security
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3. When a computer is the subject of an attack, it is the entity being attacked.

a. True

b. False

ANSWER: False
POINTS: 1
REFERENCES: p. 10
H1: What is Security?
H2: Key Information Security Concepts
QUESTION TYPE: True / False
HAS VARIABLES: False
LEARNING OBJECTIVES: POIS.WHMA.22.01.3 - Define key terms and critical concepts of information security

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Module 1 Introduction to Information Security

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4. The value of information comes from the characteristics it possesses.
   a. True
   b. False

ANSWER: True
POINTS: 1
REFERENCES: p. 11
H1: What is Security?
H2: Critical Characteristics of Information
QUESTION TYPE: True / False
HAS VARIABLES: False
LEARNING OBJECTIVES: POIS.WHMA.22.01.3 - Define key terms and critical concepts of information security
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5. E-mail spoofing involves sending an e-mail message with a harmful attachment.
   a. True
   b. False

ANSWER: False
POINTS: 1
REFERENCES: p. 13
H1: What is Security?
H2: Critical Characteristics of Information
QUESTION TYPE: True / False
HAS VARIABLES: False
LEARNING OBJECTIVES: POIS.WHMA.22.01.3 - Define key terms and critical concepts of information security
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6. The possession of information is the quality or state of having value for some purpose or end.
   a. True
   b. False

ANSWER: False
POINTS: 1
REFERENCES: p. 13
H1: What is Security?
H2: Critical Characteristics of Information
QUESTION TYPE: True / False
HAS VARIABLES: False
LEARNING OBJECTIVES: POIS.WHMA.22.01.3 - Define key terms and critical concepts of information

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	security
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7. A breach of possession may not always result in a breach of confidentiality.
   a. True
   b. False

ANSWER:	True
POINTS:	1
REFERENCES:	p. 14 H1: What is Security? H2: Critical Characteristics of Information
QUESTION TYPE:	True / False
HAS VARIABLES:	False
LEARNING OBJECTIVES:	POIS.WHMA.22.01.3 - Define key terms and critical concepts of information security
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8. Hardware is often the most valuable asset possessed by an organization, and it is the main target of intentional attacks.
   a. True
   b. False

ANSWER:	False
POINTS:	1
REFERENCES:	p. 16 H1: Components of An Information System H2: Data
QUESTION TYPE:	True / False
HAS VARIABLES:	False
LEARNING OBJECTIVES:	POIS.WHMA.22.01.3 - Define key terms and critical concepts of information security
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9. Information security can be an absolute.
   a. True
   b. False

ANSWER:	False
POINTS:	1
REFERENCES:	p. 17 H1: Security and The Organization H2: Balancing Information Security and Access
QUESTION TYPE:	True / False
HAS VARIABLES:	False

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LEARNING OBJECTIVES: POIS.WHMA.22.01.3 - Define key terms and critical concepts of information security
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10. To achieve balance—that is, to operate an information system that satisfies the user and the security professional—the security level must allow reasonable access, yet protect against threats.

a. True
b. False

ANSWER: True
POINTS: 1
REFERENCES: p. 17
H1: Security and The Organization
H2: Balancing Information Security and Access
QUESTION TYPE: True / False
HAS VARIABLES: False
LEARNING OBJECTIVES: POIS.WHMA.22.01.3 - Define key terms and critical concepts of information security
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11. The bottom-up approach to information security has a higher probability of success than the top-down approach.

a. True
b. False

ANSWER: False
POINTS: 1
REFERENCES: p. 18
H1: Security and The Organization
H2: Approaches to Information Security Implementation
QUESTION TYPE: True / False
HAS VARIABLES: False
LEARNING OBJECTIVES: POIS.WHMA.22.01.3 - Define key terms and critical concepts of information security
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12. Using a methodology will usually have no effect on the probability of success.

a. True
b. False

ANSWER: False
POINTS: 1
REFERENCES: H1: Security and The Organization
H2: Approaches to Information Security Implementation
p. 18
QUESTION TYPE: True / False

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Module 1 Introduction to Information Security

HAS VARIABLES: False
LEARNING OBJECTIVES: POIS.WHMA.22.01.3 - Define key terms and critical concepts of information security
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13. A champion is a project manager, who may be a departmental line manager or staff unit manager, and has expertise in project management and information security technical requirements.

a. True
b. False

ANSWER: False
POINTS: 1
REFERENCES: H1: Security and The Organization
H2: Security Professionals
p. 20
QUESTION TYPE: True / False
HAS VARIABLES: False
LEARNING OBJECTIVES: DENT.SING.22.01.4 - Name the individuals who had a great impact on the profession of dentistry.
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14. A data custodian works directly with data owners and is responsible for the storage, maintenance, and protection of the information.

a. True
b. False

ANSWER: True
POINTS: 1
REFERENCES: p. 20
H1: Security and The Organization
H2: Data Responsibilities
QUESTION TYPE: True / False
HAS VARIABLES: False
LEARNING OBJECTIVES: DENT.SING.22.01.4 - Name the individuals who had a great impact on the profession of dentistry.
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15. The roles of information security professionals focus on protecting the organization's information systems and stored information from attacks.

a. True
b. False

ANSWER: True
POINTS: 1
REFERENCES: p. 20

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	H1: Security and The Organization H2: Communities of Interest
QUESTION TYPE:	True / False
HAS VARIABLES:	False
LEARNING OBJECTIVES:	DENT.SING.22.01.4 - Name the individuals who had a great impact on the profession of dentistry.
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Modified True / False

16. Every organization, whether public or private and regardless of size, has information it wants to protect. _____

ANSWER:	True
POINTS:	1
REFERENCES:	H1: Introduction to Information Security p. 2
QUESTION TYPE:	Modified True / False
HAS VARIABLES:	False
STUDENT ENTRY MODE:	Basic
LEARNING OBJECTIVES:	POIS.WHMA.22.01.1 - Define information security
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17. The history of information security begins with the concept of communications security. _____

ANSWER:	False - computer
POINTS:	1
REFERENCES:	H1: Introduction to Information Security p. 3
QUESTION TYPE:	Modified True / False
HAS VARIABLES:	False
STUDENT ENTRY MODE:	Basic
LEARNING OBJECTIVES:	POIS.WHMA.22.01.2 - Discuss the history of computer security and explain how it evolved into Information security
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18. RAND Report R-609 was the first widely recognized published document to identify the role of management and policy issues in computer security. _____

ANSWER:	True
POINTS:	1
REFERENCES:	p. 5 H1: Introduction to Information Security H2: The 1970s and '80s
QUESTION TYPE:	Modified True / False
HAS VARIABLES:	False

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STUDENT ENTRY MODE: Basic
LEARNING OBJECTIVES: POIS.WHMA.22.01.2 - Discuss the history of computer security and explain how it evolved into Information security
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19. Much of the early research on computer security centered on a system called Management Information and Computing Service (MULTICS). _____
ANSWER: False - Multiplexed
POINTS: 1
REFERENCES: p. 6
H1: Introduction to Information Security
H2: The 1970s and '80s
QUESTION TYPE: Modified True / False
HAS VARIABLES: False
STUDENT ENTRY MODE: Basic
LEARNING OBJECTIVES: POIS.WHMA.22.01.2 - Discuss the history of computer security and explain how it evolved into Information security
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20. According to the CNSS, networking is "the protection of information and its critical elements." _____
ANSWER: False - information security
POINTS: 1
REFERENCES: p. 8
H1: What is Security?
QUESTION TYPE: Modified True / False
HAS VARIABLES: False
STUDENT ENTRY MODE: Basic
LEARNING OBJECTIVES: POIS.WHMA.22.01.1 - Define information security
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21. Indirect attacks originate from a compromised system or resource that is malfunctioning or working under the control of a threat. _____
ANSWER: True
POINTS: 1
REFERENCES: p. 9
H1: What is Security?
H2: Key Information Security Concepts
QUESTION TYPE: Modified True / False
HAS VARIABLES: False
STUDENT ENTRY MODE: Basic
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22. When unauthorized individuals or systems can view information, confidentiality is breached. _____
ANSWER: True
POINTS: 1
REFERENCES: p. 11
H1: What is Security?
H2: Critical Characteristics of Information
QUESTION TYPE: Modified True / False
HAS VARIABLES: False
STUDENT ENTRY MODE: Basic
LEARNING OBJECTIVES: POIS.WHMA.22.01.3 - Define key terms and critical concepts of information security
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23. Confidentiality ensures that only those with the rights and privileges to access information are able to do so. _____
ANSWER: True
POINTS: 1
REFERENCES: p. 11
H1: What is Security?
H2: Critical Characteristics of Information
QUESTION TYPE: Modified True / False
HAS VARIABLES: False
STUDENT ENTRY MODE: Basic
LEARNING OBJECTIVES: POIS.WHMA.22.01.3 - Define key terms and critical concepts of information security
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24. Information has redundancy when it is free from mistakes or errors and it has the value that the end user expects. _____
ANSWER: False - accuracy
POINTS: 1
REFERENCES: p. 13
H1: What is Security?
H2: Critical Characteristics of Information
QUESTION TYPE: Modified True / False
HAS VARIABLES: False
STUDENT ENTRY MODE: Basic
LEARNING OBJECTIVES: POIS.WHMA.22.01.3 - Define key terms and critical concepts of information security
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25. Hardware is the physical technology that houses and executes the software, stores and transports the data, and provides interfaces for the entry and removal of information from the system. _____

ANSWER:	True
POINTS:	1
REFERENCES:	p. 15 H1: Components of An Information System H2: Hardware
QUESTION TYPE:	Modified True / False
HAS VARIABLES:	False
STUDENT ENTRY MODE:	Basic
LEARNING OBJECTIVES:	POIS.WHMA.22.01.3 - Define key terms and critical concepts of information security
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26. A(n) hardware system is the entire set of people, procedures, and technology that enable business to use information. _____

ANSWER:	False - information
POINTS:	1
REFERENCES:	p. 15 H1: Components of An Information System
QUESTION TYPE:	Modified True / False
HAS VARIABLES:	False
STUDENT ENTRY MODE:	Basic
LEARNING OBJECTIVES:	POIS.WHMA.22.01.3 - Define key terms and critical concepts of information security
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27. Information security can begin as a grassroots effort in which systems administrators attempt to improve the security of their systems, often referred to as the bottom-up approach. _____

ANSWER:	True
POINTS:	1
REFERENCES:	p. 18 H1: Security and The Organization H2: Approaches to Information Security Implementation
QUESTION TYPE:	Modified True / False
HAS VARIABLES:	False
STUDENT ENTRY MODE:	Basic
LEARNING OBJECTIVES:	POIS.WHMA.22.01.3 - Define key terms and critical concepts of information security
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Module 1 Introduction to Information Security

28. The role of the project manager—typically an executive such as a chief information officer (CIO) or the vice president of information technology (VP-IT)—in this effort cannot be overstated. _____

ANSWER: False - champion
POINTS: 1
REFERENCES: p.18
H1: Security and The Organization
H2: Approaches to Information Security Implementation
QUESTION TYPE: Modified True / False
HAS VARIABLES: False
STUDENT ENTRY MODE: Basic
LEARNING OBJECTIVES: POIS.WHMA.22.01.3 - Define key terms and critical concepts of information security
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29. Of the two approaches to information security implementation, the top-down approach has a higher probability of success. _____

ANSWER: True
POINTS: 1
REFERENCES: p. 18
H1: Security and The Organization
H2: Approaches to Information Security Implementation
QUESTION TYPE: Modified True / False
HAS VARIABLES: False
STUDENT ENTRY MODE: Basic
LEARNING OBJECTIVES: POIS.WHMA.22.01.3 - Define key terms and critical concepts of information security
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30. A(n) project team should consist of a number of individuals who are experienced in one or multiple facets of the technical and nontechnical areas. _____

ANSWER: True
POINTS: 1
REFERENCES: p. 20
H1: Security and The Organization
H2: Security Professionals
QUESTION TYPE: Modified True / False
HAS VARIABLES: False
STUDENT ENTRY MODE: Basic
LEARNING OBJECTIVES: DENT.SING.22.01.4 - Name the individuals who had a great impact on the profession of dentistry.
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Module 1 Introduction to Information Security

Multiple Choice

31. _____ is a network project that preceded the Internet.

a. NIST b. ARPANET

c. FIPS d. DES

ANSWER: b
POINTS: 1
REFERENCES: p. 3
H1: Introduction to Information Security
H2: The 1960s
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: POIS.WHMA.22.01.2 - Discuss the history of computer security and explain how it evolved into Information security
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32. Which of the following was not an identified fundamental problem with ARPANET security?

a. phone numbers for access were closely held and distributed on a need-to-know basis

b. vulnerability of password structure and formats

c. lack of safety procedures for dial-up connections

d. nonexistent user identification and authorizations

ANSWER: a
POINTS: 1
REFERENCES: p. 4
H1: Introduction to Information Security
H2: The 1970s and ’80s
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: POIS.WHMA.22.01.2 - Discuss the history of computer security and explain how it evolved into Information security
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33. The famous study entitled “Protection Analysis: Final Report” focused on a project undertaken by ARPA to understand and detect _____ in operating systems security.

a. bugs b. vulnerabilities

c. malware d. maintenance hooks

ANSWER: b
POINTS: 1
REFERENCES: p. 5
H1: Introduction to Information Security
H2: The 1970s and ’80s
QUESTION TYPE: Multiple Choice

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Module 1 Introduction to Information Security

HAS VARIABLES: False
LEARNING OBJECTIVES: POIS.WHMA.22.01.2 - Discuss the history of computer security and explain how it evolved into Information security
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34. _____ was the first operating system to integrate security as one of its core functions.

a. UNIX b. DOS
c. MULTICS d. ARPANET

ANSWER: c
POINTS: 1
REFERENCES: p. 6
H1: Introduction to Information Security
H2: The 1970s and '80s
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: POIS.WHMA.22.01.2 - Discuss the history of computer security and explain how it evolved into Information security
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35. In 1993, the first _____ conference was held in Las Vegas. Originally, it was established as a gathering for people interested in information security, including authors, lawyers, government employees, and law enforcement officials.

a. DEFCON
b. CyberCom
c. Black Hat
d. World Security

ANSWER: a
POINTS: 1
REFERENCES: p. 7
H1: Introduction to Information Security
H2: The 1990s
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: POIS.WHMA.22.01.2 - Discuss the history of computer security and explain how it evolved into Information security
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36. The protection of the confidentiality, integrity, and availability of information assets, whether in storage, processing, or transmission, via the application of policy, education, training and awareness, and technology is known as _____.

a. communications security
b. network security

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c. physical security
d. information security

ANSWER: d
POINTS: 1
REFERENCES: p. 8
H1: What Is Security?
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: POIS.WHMA.22.01.1 - Define information security
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37. A server would experience a(n) _____ attack when a hacker compromises it to acquire information via a remote location using a network connection.

a. indirect b. direct
c. software d. hardware

ANSWER: b
POINTS: 1
REFERENCES: p. 9
H1: What is Security?
H2: Key Information Security Concepts
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: POIS.WHMA.22.01.3 - Define key terms and critical concepts of information security
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38. A subject or object's ability to use, manipulate, modify, or affect another subject or object is known as _____.

a. access
b. assets
c. exploits
d. risk

ANSWER: a
POINTS: 1
REFERENCES: p. 9
H1: What Is Security?
H2: Key Information Security Concepts
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: POIS.WHMA.22.01.3 - Define key terms and critical concepts of information security
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Module 1 Introduction to Information Security

39. An organizational resource that is being protected is sometimes logical, such as a Web site, software information, or data. Sometimes the resource is physical, such as a person, computer system, hardware, or other tangible object. Either way, the resource is known as a(n) _____.

a. access method
b. asset
c. exploit
d. risk

ANSWER: b
POINTS: 1
REFERENCES: p. 9
H1: What Is Security?
H2: Key Information Security Concepts
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: POIS.WHMA.22.01.3 - Define key terms and critical concepts of information security
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40. A computer is the _____ of an attack when it is used to conduct an attack against another computer.

a. subject b. object
c. target d. facilitator

ANSWER: a
POINTS: 1
REFERENCES: p. 10
H1: What is Security? H1: What is Security?
H2: Key Information Security Concepts
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: POIS.WHMA.22.01.3 - Define key terms and critical concepts of information security
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41. A technique used to compromise a system is known as a(n) _____.

a. access method
b. asset
c. exploit
d. risk

ANSWER: c
POINTS: 1
REFERENCES: p. 10
H1: What Is Security?
H2: Key Information Security Concepts

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Module 1 Introduction to Information Security

QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: POIS.WHMA.22.01.3 - Define key terms and critical concepts of information security
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42. In file hashing, a file is read by a special algorithm that uses the value of the bits in the file to compute a single number called the _____ value.

a. result b. smashing
c. hash d. code

ANSWER: c
POINTS: 1
REFERENCES: p. 12
H1: What Is Security?
H1: What Is Security?
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: POIS.WHMA.22.01.3 - Define key terms and critical concepts of information security
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43. _____ of information is the quality or state of being genuine or original.

a. Authenticity b. Spoofing
c. Confidentiality d. Authorization

ANSWER: a
POINTS: 1
REFERENCES: p. 13
H1: What is Security?
H2: Critical Characteristics of Information
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: POIS.WHMA.22.01.3 - Define key terms and critical concepts of information security
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44. _____ has become a widely accepted evaluation standard for training and education related to the security of information systems and is hosted by CNSS.

a. NIST SP 800-12 b. NSTISSI No. 4011
c. IEEE 802.11(g) d. ISO 17788

ANSWER: b
POINTS: 1

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REFERENCES: p. 14
H1: What Is Security?
H2: CNSS Security Model
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: POIS.WHMA.22.01.3 - Define key terms and critical concepts of information security
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45. _____ security addresses the issues necessary to protect the tangible items, objects, or areas of an organization from unauthorized access and misuse.

a. Physical b. Personal
c. Object d. Standard

ANSWER: a
POINTS: 1
REFERENCES: p. 15
H1: Components of An Information System
H2: Hardware
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: POIS.WHMA.22.01.3 - Define key terms and critical concepts of information security
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46. An information system is the entire set of _____, people, procedures, and networks that enable the use of information resources in the organization.

a. software b. hardware
c. data d. All of the above

ANSWER: d
POINTS: 1
REFERENCES: p. 15
H1: Components of An Information System
H2: Software
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: POIS.WHMA.22.01.3 - Define key terms and critical concepts of information security
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47. The protection of tangible items, objects, or areas from unauthorized access and misuse is known as _____.

a. communications security
b. network security

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c. physical security
d. information security

ANSWER: c
POINTS: 1
REFERENCES: p. 15
H1: Components of An Information System
H2: Hardware
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: POIS.WHMA.22.01.3 - Define key terms and critical concepts of information security
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48. The _____ is the individual primarily responsible for the assessment, management, and implementation of information security in the organization.

a. ISO b. CIO
c. CISO d. CTO

ANSWER: c
POINTS: 1
REFERENCES: p. 19
H1: Security and The Organization
H2: Security Professionals
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: DENT.SING.22.01.4 - Name the individuals who had a great impact on the profession of dentistry.
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49. Which of the following is a valid type of role when it comes to data ownership?

a. Data owners b. Data custodians
c. Data users d. All of the above

ANSWER: d
POINTS: 1
REFERENCES: p. 20
H1: Security and The Organization
H2: Data Responsibilities
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: DENT.SING.22.01.4 - Name the individuals who had a great impact on the profession of dentistry.
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50. People with the primary responsibility for administering the systems that house the information used by the organization perform the role of ____.

a. Security policy developers
b. Security professionals
c. System administrators
d. End users

ANSWER: c
POINTS: 1
REFERENCES: p. 20
H1: Security and The Organization
H2: Security Professionals
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: DENT.SING.22.01.4 - Name the individuals who had a great impact on the profession of dentistry.
DATE CREATED: 9/14/2016 10:30 AM
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51. Individuals who control, and are therefore ultimately responsible for, the security and use of a particular set of information are known as data _____.

a. owners
b. custodians
c. trustees
d. users

ANSWER: a
POINTS: 1
REFERENCES: p. 20
H1: Security and The Organization
H2: Data Responsibilities
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: DENT.SING.22.01.4 - Name the individuals who had a great impact on the profession of dentistry.
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52. Individuals who are assigned the task of managing a particular set of information and coordinating its protection, storage, and use are known as data _____.

a. owners
b. custodians
c. trustees
d. users

ANSWER: c
POINTS: 1

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Module 1 Introduction to Information Security

REFERENCES: p. 20
H1: Security and The Organization
H2: Data Responsibilities
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: DENT.SING.22.01.4 - Name the individuals who had a great impact on the profession of dentistry.
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53. The community of interest made up of IT managers and skilled professionals in systems design, programming, networks, and other related disciplines is called _____.

a. Information Technology Management and Professionals
b. Organizational Management and Professionals
c. Information Security Management and Professionals
d. Executive Management

ANSWER: a
POINTS: 1
REFERENCES: p. 21
H1: Security and The Organization
H2: Communities of Interest
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: DENT.SING.22.01.4 - Name the individuals who had a great impact on the profession of dentistry.
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Completion

54. The history of information security begins with the concept of _____ security.

ANSWER: computer
POINTS: 1
REFERENCES: p. 3
H1: Introduction to Information Security
QUESTION TYPE: Completion
HAS VARIABLES: False
STUDENT ENTRY MODE: Basic
LEARNING OBJECTIVES: POIS.WHMA.22.01.1 - Define information security
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55. During the early years, information security was a straightforward process composed predominantly of _____ security and simple document classification schemes.

ANSWER: physical

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Module 1 Introduction to Information Security

POINTS: 1
REFERENCES: p. 3
H1: Introduction to Information Security
QUESTION TYPE: Completion
HAS VARIABLES: False
STUDENT ENTRY MODE: Basic
LEARNING OBJECTIVES: POIS.WHMA.22.01.1 - Define information security
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56. During the _____ War, many mainframes were brought online to accomplish more complex and sophisticated tasks, so it became necessary to enable the mainframes to communicate via a less cumbersome process than mailing magnetic tapes between computer centers.
ANSWER: Cold
POINTS: 1
REFERENCES: p. 3
H1: Introduction to Information Security
H2: The 1960s
QUESTION TYPE: Completion
HAS VARIABLES: False
STUDENT ENTRY MODE: Basic
LEARNING OBJECTIVES: POIS.WHMA.22.01.2 - Discuss the history of computer security and explain how it evolved into Information security
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57. The Internet brought _____ to virtually all computers that could reach a phone line or an Internet-connected local area network.
ANSWER: connectivity
POINTS: 1
REFERENCES: p. 3
H1: Introduction to Information Security
H2: The 1990s
QUESTION TYPE: Completion
HAS VARIABLES: False
STUDENT ENTRY MODE: Basic
LEARNING OBJECTIVES: POIS.WHMA.22.01.2 - Discuss the history of computer security and explain how it evolved into Information security
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58. The CNSS model of information security evolved from a concept developed by the computer security industry known as the _____ triad.
ANSWER: CIA
C.I.A.

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Confidentiality, Integrity, and Availability

POINTS: 1
REFERENCES: p. 8
H1: What is Security?
QUESTION TYPE: Completion
HAS VARIABLES: False
STUDENT ENTRY MODE: Basic
LEARNING OBJECTIVES: POIS.WHMA.22.01.1 - Define information security
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59. A computer is the _____ of an attack when it is the entity being targeted.
ANSWER: object
POINTS: 1
REFERENCES: p. 10
H1: What is Security?
H2: Key Information Security Concepts
QUESTION TYPE: Completion
HAS VARIABLES: False
STUDENT ENTRY MODE: Basic
LEARNING OBJECTIVES: POIS.WHMA.22.01.3 - Define key terms and critical concepts of information security
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60. The probability of an unwanted occurrence, such as an adverse event or loss, is known as a(n) _____.
ANSWER: risk
POINTS: 1
REFERENCES: p. 10
H1: What is Security?
H2: Critical Characteristics of Information
QUESTION TYPE: Completion
HAS VARIABLES: False
STUDENT ENTRY MODE: Basic
LEARNING OBJECTIVES: POIS.WHMA.22.01.3 - Define key terms and critical concepts of information security
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61. Any event or circumstance that has the potential to adversely affect operations and assets is known as a(n) _____.
ANSWER: threat
POINTS: 1
REFERENCES: p. 10
H1: What is Security?

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Module 1 Introduction to Information Security

	H2: Critical Characteristics of Information
QUESTION TYPE:	Completion
HAS VARIABLES:	False
STUDENT ENTRY MODE:	Basic
LEARNING OBJECTIVES:	POIS.WHMA.22.01.3 - Define key terms and critical concepts of information security
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62. In an organization, the value of _____ of information is especially high when it involves personal information about employees, customers, or patients.

ANSWER:	confidentiality
POINTS:	1
REFERENCES:	p. 11 H1: What is Security? H2: Critical Characteristics of Information
QUESTION TYPE:	Completion
HAS VARIABLES:	False
STUDENT ENTRY MODE:	Basic
LEARNING OBJECTIVES:	POIS.WHMA.22.01.3 - Define key terms and critical concepts of information security
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63. A potential weakness in an asset or its defensive control system(s) is known as a(n) _____.

ANSWER:	vulnerability
POINTS:	1
REFERENCES:	p. 11 H1: What is Security? H2: Critical Characteristics of Information
QUESTION TYPE:	Completion
HAS VARIABLES:	False
STUDENT ENTRY MODE:	Basic
LEARNING OBJECTIVES:	POIS.WHMA.22.01.3 - Define key terms and critical concepts of information security
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64. Information has _____ when it is whole, complete, and uncorrupted.

ANSWER:	integrity
POINTS:	1
REFERENCES:	p. 12 H1: What is Security? H2: Critical Characteristics of Information
QUESTION TYPE:	Completion

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HAS VARIABLES: False
STUDENT ENTRY MODE: Basic
LEARNING OBJECTIVES: POIS.WHMA.22.01.3 - Define key terms and critical concepts of information security
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65. _____ enables authorized users—people or computer systems—to access information without interference or obstruction and to receive it in the required format.
ANSWER: Availability
POINTS: 1
REFERENCES: p. 13
H1: What is Security?
H2: Critical Characteristics of Information
QUESTION TYPE: Completion
HAS VARIABLES: False
STUDENT ENTRY MODE: Basic
LEARNING OBJECTIVES: POIS.WHMA.22.01.3 - Define key terms and critical concepts of information security
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66. _____ of information is the quality or state of being genuine or original, rather than a reproduction or fabrication.
ANSWER: Authenticity
POINTS: 1
REFERENCES: p. 13
H1: What is Security?
H2: Critical Characteristics of Information
QUESTION TYPE: Completion
HAS VARIABLES: False
STUDENT ENTRY MODE: Basic
LEARNING OBJECTIVES: POIS.WHMA.22.01.3 - Define key terms and critical concepts of information security
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67. The _____ of information is the quality or state of ownership or control of some object or item.
ANSWER: possession
POINTS: 1
REFERENCES: p. 13
H1: What is Security?
H2: Critical Characteristics of Information
QUESTION TYPE: Completion
HAS VARIABLES: False
STUDENT ENTRY MODE: Basic

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LEARNING OBJECTIVES: POIS.WHMA.22.01.3 - Define key terms and critical concepts of information security
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68. The _____ component of an information system comprises applications, operating systems, and assorted command utilities.
ANSWER: software
POINTS: 1
REFERENCES: p. 15
H1: Components of An Information System
H2: Software
QUESTION TYPE: Completion
HAS VARIABLES: False
STUDENT ENTRY MODE: Basic
LEARNING OBJECTIVES: POIS.WHMA.22.01.3 - Define key terms and critical concepts of information security
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69. Software is often created under the constraints of _____ management, placing limits on time, cost, and manpower.
ANSWER: project
POINTS: 1
REFERENCES: p. 15
H1: Components of An Information System
H2: Software
QUESTION TYPE: Completion
HAS VARIABLES: False
STUDENT ENTRY MODE: Basic
LEARNING OBJECTIVES: POIS.WHMA.22.01.3 - Define key terms and critical concepts of information security
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70. A frequently overlooked component of an information system, _____ are the written instructions for accomplishing a specific task.
ANSWER: procedures
POINTS: 1
REFERENCES: p. 16
H1: Components of An Information System
H2: Procedures
QUESTION TYPE: Completion
HAS VARIABLES: False
STUDENT ENTRY MODE: Basic
LEARNING OBJECTIVES: POIS.WHMA.22.01.3 - Define key terms and critical concepts of information

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security
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71. The senior technology officer is typically the chief _____ officer.
ANSWER: information
POINTS: 1
REFERENCES: p. 19
H1: Security and The Organization
H2: Security Professionals
QUESTION TYPE: Completion
HAS VARIABLES: False
STUDENT ENTRY MODE: Basic
LEARNING OBJECTIVES: DENT.SING.22.01.4 - Name the individuals who had a great impact on the profession of dentistry.
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72. A(n) _____ is a group of individuals who are united by similar interests or values within an organization and who share a common goal of helping the organization to meet its objectives.
ANSWER: community of interest
POINTS: 1
REFERENCES: p. 20
H1: Security and The Organization
H2: Communities of Interest
QUESTION TYPE: Completion
HAS VARIABLES: False
STUDENT ENTRY MODE: Basic
LEARNING OBJECTIVES: DENT.SING.22.01.4 - Name the individuals who had a great impact on the profession of dentistry.
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Essay

73. Describe the multiple types of security systems present in many organizations.
ANSWER: A successful organization should have multiple layers of security in place to protect its operations, including physical, networks, and information:

Physical security, to protect physical items, objects, or areas from unauthorized access and misuse

Network security, to protect networking components, connections, and contents

Information security, to protect the confidentiality, integrity, and availability of information assets, whether in storage, processing, or transmission. It is achieved via the application of policy, education, training and awareness, and technology.

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POINTS: 1
REFERENCES: p. 8
H1: What is Security?
QUESTION TYPE: Essay
HAS VARIABLES: False
STUDENT ENTRY MODE: Basic
LEARNING OBJECTIVES: POIS.WHMA.22.01.1 - Define information security
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74. Outline types of data ownership and their respective responsibilities.
ANSWER: Data owners: Those responsible for the security and use of a particular set of information. They are usually members of senior management and could be CIOs. The data owners usually determine the level of data classification associated with the data, as well as the changes to that classification required by organizational change.

Data custodians: Working directly with data owners, data custodians are responsible for the storage, maintenance, and protection of the information. The duties of a data custodian often include overseeing data storage and backups, implementing the specific procedures and policies laid out in the security policies and plans, and reporting to the data owner.

Data users: End users who work with the information to perform their daily jobs supporting the mission of the organization. Data users are included as individuals with an information security role.

POINTS: 1
REFERENCES: p. 20
H1: Security and The Organization
H2: Data Responsibilities
QUESTION TYPE: Essay
HAS VARIABLES: False
STUDENT ENTRY MODE: Basic
LEARNING OBJECTIVES: DENT.SING.22.01.4 - Name the individuals who had a great impact on the profession of dentistry.
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Subjective Short Answer

75. What is the difference between a threat agent and a threat source?
ANSWER: A threat agent is the facilitator of an attack, whereas a threat source is a category of objects, people, or other entities that represents a potential danger to an asset. Threats are always present. Some threats manifest themselves in accidental occurrences and others are purposeful. Fire is a threat; however, a fire that has begun in a building is an attack. If an arsonist set the fire, then the arsonist is the threat agent. If an accidental electrical short started the fire, the short is the threat agent.

POINTS: 1

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REFERENCES:	p. 11 H1: What is Security? H2: Key Information Security Concepts
QUESTION TYPE:	Subjective Short Answer
HAS VARIABLES:	False
STUDENT ENTRY MODE:	Basic
LEARNING OBJECTIVES:	POIS.WHMA.22.01.3 - Define key terms and critical concepts of information security
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76. Describe the need for balance between information security and access to information inherent in information systems.

ANSWER:	To achieve balance—that is, to operate an information system that satisfies the user and the security professional—the security level must allow reasonable access yet protect against threats.
POINTS:	1
REFERENCES:	p. 17 H1: Security and The Organization H2: Balancing Information Security and Access
QUESTION TYPE:	Subjective Short Answer
HAS VARIABLES:	False
STUDENT ENTRY MODE:	Basic
LEARNING OBJECTIVES:	POIS.WHMA.22.01.3 - Define key terms and critical concepts of information security
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77. Should the overall approach to security be more managerial or technical?

ANSWER:	The approach to security should be more managerial than technical, although the technical ability of the resources who perform day-to-day activities is critical. The top-down approach to security implementation is by far the best. It has strong upper management support, a dedicated champion, dedicated funding, clear planning, and the opportunity to influence organizational culture.
POINTS:	1
REFERENCES:	p. 18 H1: Security and The Organization H2: Approaches to Information Security Implementation
QUESTION TYPE:	Subjective Short Answer
HAS VARIABLES:	False
STUDENT ENTRY MODE:	Basic
LEARNING OBJECTIVES:	POIS.WHMA.22.01.3 - Define key terms and critical concepts of information security
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78. Describe the role of a data trustee.

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ANSWER:	Data trustees are individuals appointed by data owners to oversee the management of a particular set of information and to coordinate with data custodians for its storage, protection, and use. Because data owners are typically top-level executives and managers too busy to oversee the management of their data, they will typically appoint a senior subordinate as a data trustee to handle those responsibilities.
POINTS:	1
REFERENCES:	p. 20 H1: Security and The Organization H2: Data Responsibilities
QUESTION TYPE:	Subjective Short Answer
HAS VARIABLES:	False
STUDENT ENTRY MODE:	Basic
LEARNING OBJECTIVES:	DENT.SING.22.01.4 - Name the individuals who had a great impact on the profession of dentistry.
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