Chapter 02: The Need for Security

True / False

1. Information security's primary mission is to ensure that systems and their contents retain their confidentiality at any cost.
  a. True
  b. False

ANSWER: False
POINTS: 1
REFERENCES: Introduction
QUESTION TYPE: True / False
HAS VARIABLES: False
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2. The information security function in an organization safeguards its technology assets.
  a. True
  b. False

ANSWER: True
POINTS: 1
REFERENCES: Introduction
QUESTION TYPE: True / False
HAS VARIABLES: False
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3. As an organization grows, it must often use more robust technology to replace the security technologies it may have outgrown.
  a. True
  b. False

ANSWER: True
POINTS: 1
REFERENCES: Safeguarding Technology Assets in Organizations
QUESTION TYPE: True / False
HAS VARIABLES: False
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4. Suppose an act of theft performed by a hacker was accompanied by defacement actions to delay discovery. The first act is obviously in the category of "theft" but the second act is another category—in this case it is a "force of nature."
  a. True
  b. False

ANSWER: False
POINTS: 1
REFERENCES: The 12 Categories of Threats

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HAS VARIABLES: False
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5. Two watchdog organizations that investigate allegations of software abuse are the Software & Information Industry Association (SIIA) and National Security Agency (NSA).
    a. True
    b. False

ANSWER: False
POINTS: 1
REFERENCES: Software Piracy
QUESTION TYPE: True / False
HAS VARIABLES: False
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6. A number of technical mechanisms—digital watermarks and embedded code, copyright codes, and even the intentional placement of bad sectors on software media—have been used to deter or prevent the theft of software intellectual property.
    a. True
    b. False

ANSWER: True
POINTS: 1
REFERENCES: Software Piracy
QUESTION TYPE: True / False
HAS VARIABLES: False
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7. Expert hackers are extremely talented individuals who usually devote lots of time and energy to attempting to break into other people's information systems.
    a. True
    b. False

ANSWER: True
POINTS: 1
REFERENCES: Hackers
QUESTION TYPE: True / False
HAS VARIABLES: False
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8. Attacks conducted by scripts are usually unpredictable.
    a. True

b. False

ANSWER:	False
POINTS:	1
REFERENCES:	Hackers
QUESTION TYPE:	True / False
HAS VARIABLES:	False
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9. With the removal of copyright protection mechanisms, software can be easily distributed and installed.
    a. True
    b. False

ANSWER:	True
POINTS:	1
REFERENCES:	Hacker Variants
QUESTION TYPE:	True / False
HAS VARIABLES:	False
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10. Organizations can use dictionaries to regulate password selection during the reset process and thus guard against easy-to-guess passwords.
    a. True
    b. False

ANSWER:	True
POINTS:	1
REFERENCES:	Dictionary Attacks
QUESTION TYPE:	True / False
HAS VARIABLES:	False
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11. Forces of nature, sometimes called acts of God, can present some of the most dangerous threats because they usually occur with very little warning and are beyond the control of people.
    a. True
    b. False

ANSWER:	True
POINTS:	1
REFERENCES:	Forces of Nature
QUESTION TYPE:	True / False
HAS VARIABLES:	False
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12. Much human error or failure can be prevented with effective training and ongoing awareness activities.
    a. True
    b. False

ANSWER:	True
POINTS:	1
REFERENCES:	Human Error or Failure
QUESTION TYPE:	True / False
HAS VARIABLES:	False
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13. An advance-fee fraud attack involves the interception of cryptographic elements to determine keys and encryption algorithms.
    a. True
    b. False

ANSWER:	False
POINTS:	1
REFERENCES:	Social Engineering
QUESTION TYPE:	True / False
HAS VARIABLES:	False
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14. Compared to Web site defacement, vandalism within a network is less malicious in intent and more public.
    a. True
    b. False

ANSWER:	False
POINTS:	1
REFERENCES:	Sabotage or Vandalism
QUESTION TYPE:	True / False
HAS VARIABLES:	False
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15. A worm may be able to deposit copies of itself onto all Web servers that the infected system can reach, so that users who subsequently visit those sites become infected.
    a. True
    b. False

ANSWER:	True
POINTS:	1
REFERENCES:	The 12 Categories of Threats
QUESTION TYPE:	True / False

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HAS VARIABLES: False
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16. A worm requires that another program is running before it can begin functioning.
    a. True
    b. False

ANSWER: False
POINTS: 1
REFERENCES: Malware
QUESTION TYPE: True / False
HAS VARIABLES: False
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17. DoS attacks cannot be launched against routers.
    a. True
    b. False

ANSWER: False
POINTS: 1
REFERENCES: Denial-of-Service (DoS) and Distributed Denial-of-Service (DDoS) Attacks
QUESTION TYPE: True / False
HAS VARIABLES: False
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18. A mail bomb is a form of DoS attack.
    a. True
    b. False

ANSWER: True
POINTS: 1
REFERENCES: E-mail Attacks
QUESTION TYPE: True / False
HAS VARIABLES: False
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19. A sniffer program can reveal data transmitted on a network segment, including passwords, the embedded and attached files—such as word-processing documents—and sensitive data transmitted to or from applications.
    a. True
    b. False

ANSWER: True
POINTS: 1

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REFERENCES:	Packet Sniffer
QUESTION TYPE:	True / False
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20. When electronic information is stolen, the crime is readily apparent.
    a. True
    b. False

ANSWER:	False
POINTS:	1
REFERENCES:	Theft
QUESTION TYPE:	True / False
HAS VARIABLES:	False
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21. Media are items of fact collected by an organization and include raw numbers, facts, and words.
    a. True
    b. False

ANSWER:	False
POINTS:	1
REFERENCES:	Introduction
QUESTION TYPE:	True / False
HAS VARIABLES:	False
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22. Media as a subset of information assets are the systems and networks that store, process, and transmit information.
    a. True
    b. False

ANSWER:	True
POINTS:	1
REFERENCES:	Introduction
QUESTION TYPE:	True / False
HAS VARIABLES:	False
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Modified True / False

23. Intellectual property is defined as "the creation, ownership, and control of ideas as well as the representation of those ideas." _____

ANSWER:	True

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POINTS:	1
REFERENCES:	Compromises to Intellectual Property
QUESTION TYPE:	Modified True / False
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24. <u>Hackers</u> are "persons who access systems and information without authorization and often illegally."
_____

ANSWER:	True
POINTS:	1
REFERENCES:	Hackers
QUESTION TYPE:	Modified True / False
HAS VARIABLES:	False
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25. When voltage levels <u>lag</u> (experience a momentary increase), the extra voltage can severely damage or destroy equipment. _____

ANSWER:	False - spike
POINTS:	1
REFERENCES:	Deviations in Quality of Service
QUESTION TYPE:	Modified True / False
HAS VARIABLES:	False
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26. "Shoulder <u>spying</u>" is used in public or semi-public settings when individuals gather information they are not authorized to have by looking over another individual's shoulder or viewing the information from a distance.
_____

ANSWER:	False - surfing
POINTS:	1
REFERENCES:	Espionage or Trespass
QUESTION TYPE:	Modified True / False
HAS VARIABLES:	False
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27. Packet <u>munchkins</u> use automated exploits to engage in distributed denial-of-service attacks.
_____

ANSWER:	False - monkeys
POINTS:	1
REFERENCES:	Hackers
QUESTION TYPE:	Modified True / False

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HAS VARIABLES:	False
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28. The term phreaker is now commonly associated with an individual who cracks or removes software protection that is designed to prevent unauthorized duplication. _____

ANSWER:	False - cracker
POINTS:	1
REFERENCES:	Hackers
QUESTION TYPE:	Modified True / False
HAS VARIABLES:	False
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29. The application of computing and network resources to try every possible combination of options of a password is called a dictionary attack. _____

ANSWER:	False - brute force
POINTS:	1
REFERENCES:	Password Attacks
QUESTION TYPE:	Modified True / False
HAS VARIABLES:	False
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30. Cyberterrorists hack systems to conduct terrorist activities via network or Internet pathways. _____

ANSWER:	True
POINTS:	1
REFERENCES:	Online Activism
QUESTION TYPE:	Modified True / False
HAS VARIABLES:	False
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31. Software code known as a(n) cookie can allow an attacker to track a victim's activity on Web sites. _____

ANSWER:	True
POINTS:	1
REFERENCES:	Malware
QUESTION TYPE:	Modified True / False
HAS VARIABLES:	False
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32. A(n) <u>polymorphic</u> threat is one that over time changes the way it appears to antivirus software programs, making it undetectable by techniques that look for preconfigured signatures. _____

ANSWER:	True
POINTS:	1
REFERENCES:	Malware
QUESTION TYPE:	Modified True / False
HAS VARIABLES:	False
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33. The <u>malicious</u> code attack includes the execution of viruses, worms, Trojan horses, and active Web scripts with the intent to destroy or steal information. _____

ANSWER:	True
POINTS:	1
REFERENCES:	Software Attacks
QUESTION TYPE:	Modified True / False
HAS VARIABLES:	False
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34. The <u>macro</u> virus infects the key operating system files located in a computer's start-up sector. _____

ANSWER:	False - boot
POINTS:	1
REFERENCES:	Software Attacks
QUESTION TYPE:	Modified True / False
HAS VARIABLES:	False
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35. Once a(n) <u>back door</u> has infected a computer, it can redistribute itself to all e-mail addresses found on the infected system. _____

ANSWER:	False - virus, worm
POINTS:	1
REFERENCES:	Back Doors
QUESTION TYPE:	Modified True / False
HAS VARIABLES:	False
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36. One form of e-mail attack that is also a DoS attack is called a mail <u>spoof</u>, in which an attacker overwhelms the receiver with excessive quantities of e-mail. _____

ANSWER:	False - bomb
POINTS:	1

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REFERENCES: E-mail Attacks
QUESTION TYPE: Modified True / False
HAS VARIABLES: False
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37. A device (or a software program on a computer) that can monitor data traveling on a network is known as a <u>socket</u> sniffer. _____

ANSWER: False - packet
POINTS: 1
REFERENCES: Communications Interception Attacks
QUESTION TYPE: Modified True / False
HAS VARIABLES: False
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38. <u>Computer</u> assets are the focus of information security and are the information that has value to the organization, as well as the systems that store, process, and transmit the information. _____

ANSWER: False - Information
POINTS: 1
REFERENCES: Introduction
QUESTION TYPE: Modified True / False
HAS VARIABLES: False
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Multiple Choice

39. Which of the following functions does information security perform for an organization?
   a. Protecting the organization's ability to function.
   b. Enabling the safe operation of applications implemented on the organization's IT systems.
   c. Protecting the data the organization collects and uses.
   d. All of the above.

ANSWER: d
POINTS: 1
REFERENCES: Introduction
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
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40. Web hosting services are usually arranged with an agreement defining minimum service levels known as a(n) _____.
   a. SSL   b. SLA
   c. MSL   d. MIN

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ANSWER: b
POINTS: 1
REFERENCES: Deviations in Quality of Service
QUESTION TYPE: Multiple Choice
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41. A short-term interruption in electrical power availability is known as a ____.
    a. fault   b. brownout
    c. blackout   d. lag
ANSWER: a
POINTS: 1
REFERENCES: Power Irregularities
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
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42. Hackers can be generalized into two skill groups: expert and _____.
    a. novice   b. journeyman
    c. packet monkey   d. professional
ANSWER: a
POINTS: 1
REFERENCES: Hacker Skills and Abilities
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
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43. Acts of _____ can lead to unauthorized real or virtual actions that enable information gatherers to enter premises or systems they have not been authorized to enter.
    a. bypass   b. theft
    c. trespass   d. security
ANSWER: c
POINTS: 1
REFERENCES: Hacker Skills and Abilities
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
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44. The _____ data file contains the hashed representation of the user's password.

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    a. SLA   b. SNMP

    c. FBI   d. SAM

ANSWER:	d
POINTS:	1
REFERENCES:	Rainbow Tables
QUESTION TYPE:	Multiple Choice
HAS VARIABLES:	False
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45. Human error or failure often can be prevented with training, ongoing awareness activities, and
_____.

    a. threats   b. education

    c. hugs   d. paperwork

ANSWER:	b
POINTS:	1
REFERENCES:	Human Error or Failure
QUESTION TYPE:	Multiple Choice
HAS VARIABLES:	False
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46. "4-1-9" fraud is an example of a _____ attack.

    a. social engineering   b. virus

    c. worm   d. spam

ANSWER:	a
POINTS:	1
REFERENCES:	Social Engineering
QUESTION TYPE:	Multiple Choice
HAS VARIABLES:	False
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47. One form of online vandalism is _____ operations, which interfere with or disrupt systems to protect the operations, policies, or actions of an organization or government agency.

    a. hacktivist   b. phreak

    c. hackcyber   d. cyberhack

ANSWER:	a
POINTS:	1
REFERENCES:	Online Activism
QUESTION TYPE:	Multiple Choice
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48. _____ is the premeditated, politically motivated attacks against information, computer systems, computer programs, and data that result in violence against noncombatant targets by subnational groups or clandestine agents.
    a. infoterrorism   b. cyberterrorism
    c. hacking   d. cracking

ANSWER:	b
POINTS:	1
REFERENCES:	Cyberterrorism and Cyberwarfare
QUESTION TYPE:	Multiple Choice
HAS VARIABLES:	False
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49. ____ is any technology that aids in gathering information about a person or organization without their knowledge.
    a. A bot   b. Spyware
    c. A Trojan   d. A worm

ANSWER:	b
POINTS:	1
REFERENCES:	Malware
QUESTION TYPE:	Multiple Choice
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50. _____ are malware programs that hide their true nature and reveal their designed behavior only when activated.
    a. Viruses   b. Worms
    c. Spam   d. Trojan horses

ANSWER:	d
POINTS:	1
REFERENCES:	Trojan Horses
QUESTION TYPE:	Multiple Choice
HAS VARIABLES:	False
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51. Which of the following is an example of a Trojan horse program?
    a. Netsky   b. MyDoom
    c. Klez   d. Happy99.exe

ANSWER:	d
POINTS:	1
REFERENCES:	Trojan Horses

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QUESTION TYPE: Multiple Choice
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52. As frustrating as viruses and worms are, perhaps more time and money is spent on resolving virus _____.

  a. false alarms   b. polymorphisms

  c. hoaxes   d. urban legends

ANSWER: c
POINTS: 1
REFERENCES: Virus and Worm Hoaxes
QUESTION TYPE: Multiple Choice
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53. In a _____ attack, the attacker sends a large number of connection or information requests to disrupt a target from a small number of sources.

  a. denial-of-service   b. distributed denial-of-service

  c. virus   d. spam

ANSWER: a
POINTS: 1
REFERENCES: Denial-of-Service (DoS) and Distributed Denial-of-Service (DDoS) Attacks
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
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54. A _____ is an attack in which a coordinated stream of requests is launched against a target from many locations at the same time.

  a. denial-of-service   b. distributed denial-of-service

  c. virus   d. spam

ANSWER: b
POINTS: 1
REFERENCES: Denial-of-Service (DoS) and Distributed Denial-of-Service (DDoS) Attacks
QUESTION TYPE: Multiple Choice
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55. _____ are compromised systems that are directed remotely (usually by a transmitted command) by the attacker to participate in an attack.

  a. Drones   b. Helpers

    c. Zombies   d. Servants
ANSWER: c
POINTS: 1
REFERENCES: Denial-of-Service (DoS) and Distributed Denial-of-Service (DDoS) Attacks
QUESTION TYPE: Multiple Choice
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56. In the _____ attack, an attacker monitors (or sniffs) packets from the network, modifies them, and inserts them back into the network.
    a. zombie-in-the-middle   b. sniff-in-the-middle
    c. server-in-the-middle   d. man-in-the-middle
ANSWER: d
POINTS: 1
REFERENCES: Communications Interception Attacks
QUESTION TYPE: Multiple Choice
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57. The _____ hijacking attack uses IP spoofing to enable an attacker to impersonate another entity on the network.
    a. WWW   b. TCP
    c. FTP   d. HTTP
ANSWER: b
POINTS: 1
REFERENCES: Communications Interception Attacks
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
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58. Microsoft acknowledged that if you type a res:// URL (a Microsoft-devised type of URL) longer than _____ characters in Internet Explorer 4.0, the browser will crash.
    a. 64
    b. 128
    c. 256
    d. 512
ANSWER: c
POINTS: 1
REFERENCES: Buffer Overruns
QUESTION TYPE: Multiple Choice

HAS VARIABLES: False
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59. When information gatherers employ techniques that cross a legal or ethical threshold, they are conducting
_____.
    a. industrial espionage
    b. competitive intelligence
    c. opposition research
    d. hostile investigation

ANSWER: a
POINTS: 1
REFERENCES: Industrial Espionage
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
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60. The process of maintaining the confidentiality, integrity, and availability of data managed by a DBMS is known as
_____ security.
    a. database
    b. data
    c. information
    d. residual

ANSWER: a
POINTS: 1
REFERENCES: Business Needs First
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
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61. A long-term interruption (outage) in electrical power availability is known as a(n) _____.
    a. blackout
    b. sag
    c. brownout
    d. fault

ANSWER: a
POINTS: 1
REFERENCES: Power Irregularities
QUESTION TYPE: Multiple Choice
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62. A short-term decrease in electrical power availability is known as a(n) ＿＿＿＿＿＿＿.
   a. blackout
   b. sag
   c. brownout
   d. fault

ANSWER:	b
POINTS:	1
REFERENCES:	Power Irregularities
QUESTION TYPE:	Multiple Choice
HAS VARIABLES:	False
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63. A table of hash values and their corresponding plaintext values that can be used to look up password values if an attacker is able to steal a system's encrypted password file is known as a(n) ＿＿＿＿＿＿＿.
   a. rainbow table
   b. dictionary
   c. crib
   d. crack file

ANSWER:	a
POINTS:	1
REFERENCES:	Password Attacks
QUESTION TYPE:	Multiple Choice
HAS VARIABLES:	False
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64. The redirection of legitimate user Web traffic to illegitimate Web sites with the intent to collect personal information is known as ＿＿＿＿＿＿＿.
   a. pharming
   b. phishing
   c. sniffing
   d. pharming

ANSWER:	a
POINTS:	1
REFERENCES:	Communications Interception Attacks
QUESTION TYPE:	Multiple Choice
HAS VARIABLES:	False
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65. The average amount of time between hardware failures, calculated as the total amount of operation time for a specified number of units divided by the total number of failures, is known as _____.

    a. mean time between failure (MTBF)

    b. mean time to diagnose (MTTD)

    c. mean time to failure (MTTF)

    d. mean time to repair (MTTR)

ANSWER:	a
POINTS:	1
REFERENCES:	Mean Time Between Failure
QUESTION TYPE:	Multiple Choice
HAS VARIABLES:	False
DATE CREATED:	12/28/2016 10:27 AM
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66. The average amount of time until the next hardware failure is known as _____.

    a. mean time between failure (MTBF)

    b. mean time to diagnose (MTTD)

    c. mean time to failure (MTTF)

    d. mean time to repair (MTTR)

ANSWER:	c
POINTS:	1
REFERENCES:	Mean Time Between Failure
QUESTION TYPE:	Multiple Choice
HAS VARIABLES:	False
DATE CREATED:	12/28/2016 10:29 AM
DATE MODIFIED:	12/28/2016 10:30 AM

Completion

67. A(n) _____ is a potential risk to an information asset.

ANSWER:	threat
POINTS:	1
REFERENCES:	Threats and Attacks
QUESTION TYPE:	Completion
HAS VARIABLES:	False
DATE CREATED:	9/14/2016 10:31 AM
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68. A(n) _____ is a potential weakness in an asset or its defensive control(s).

ANSWER:	vulnerability
POINTS:	1
REFERENCES:	Threats and Attacks
QUESTION TYPE:	Completion

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HAS VARIABLES: False
DATE CREATED: 9/14/2016 10:31 AM
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69. A(n) _____ is an act against an asset that could result in a loss.
ANSWER: attack
POINTS: 1
REFERENCES: Threats and Attacks
QUESTION TYPE: Completion
HAS VARIABLES: False
DATE CREATED: 9/14/2016 10:31 AM
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70. Duplication of software-based intellectual property is more commonly known as software _____.
ANSWER: piracy
POINTS: 1
REFERENCES: Compromises to Intellectual Property
QUESTION TYPE: Completion
HAS VARIABLES: False
DATE CREATED: 9/14/2016 10:31 AM
DATE MODIFIED: 9/14/2016 10:31 AM

71. A momentary low voltage is called a(n) _____.
ANSWER: fault
POINTS: 1
REFERENCES: Power Irregularities
QUESTION TYPE: Completion
HAS VARIABLES: False
DATE CREATED: 9/14/2016 10:31 AM
DATE MODIFIED: 12/15/2016 11:51 AM

72. Some information gathering techniques are quite legal—for example, using a Web browser to perform market research. These legal techniques are called, collectively, competitive _____.
ANSWER: intelligence
POINTS: 1
REFERENCES: Espionage or Trespass
QUESTION TYPE: Completion
HAS VARIABLES: False
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73. When information gatherers employ techniques in a commercial setting that cross the threshold of what is legal or ethical, they are conducting industrial _____.
ANSWER: espionage

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POINTS: 1
REFERENCES: Espionage or Trespass
QUESTION TYPE: Completion
HAS VARIABLES: False
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74. The expert hacker sometimes is called a(n) _____ hacker.
ANSWER: elite
POINTS: 1
REFERENCES: Hackers
QUESTION TYPE: Completion
HAS VARIABLES: False
DATE CREATED: 9/14/2016 10:31 AM
DATE MODIFIED: 9/14/2016 10:31 AM

75. Script _____ are hackers of limited skill who use expertly written software to attack a system.
ANSWER: kiddies
POINTS: 1
REFERENCES: Hackers
QUESTION TYPE: Completion
HAS VARIABLES: False
DATE CREATED: 9/14/2016 10:31 AM
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76. A(n) _____ hacks the public telephone network to make free calls or disrupt services.
ANSWER: phreaker
POINTS: 1
REFERENCES: Hacker Variants
QUESTION TYPE: Completion
HAS VARIABLES: False
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77. Attempting to reverse-calculate a password is called _____.
ANSWER: cracking
POINTS: 1
REFERENCES: Password Attacks
QUESTION TYPE: Completion
HAS VARIABLES: False
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78. ESD is the acronym for _____ discharge.

ANSWER:	electrostatic
POINTS:	1
REFERENCES:	Electrostatic Discharge
QUESTION TYPE:	Completion
HAS VARIABLES:	False
DATE CREATED:	9/14/2016 10:31 AM
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79. In the context of information security, _____ is the process of using social skills to convince people to reveal access credentials or other valuable information to the attacker.

ANSWER:	social engineering
POINTS:	1
REFERENCES:	Social Engineering
QUESTION TYPE:	Completion
HAS VARIABLES:	False
DATE CREATED:	9/14/2016 10:31 AM
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80. The _____ fraud is a social engineering attack that involves convincing the victim to participate in a seeming money-making venture while getting the victim to pay fees or bribes or to refund uncleared international payments.

ANSWER:	advance-fee
	advance fee
POINTS:	1
REFERENCES:	Advance-fee Fraud
QUESTION TYPE:	Completion
HAS VARIABLES:	False
DATE CREATED:	9/14/2016 10:31 AM
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81. A computer virus consists of segments of code that perform _____ actions.

ANSWER:	malicious
POINTS:	1
REFERENCES:	Virus
QUESTION TYPE:	Completion
HAS VARIABLES:	False
DATE CREATED:	9/14/2016 10:31 AM
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82. A(n) _____ is a malicious program that replicates itself constantly without requiring another program environment.

ANSWER:	worm
POINTS:	1

REFERENCES:	Worms
QUESTION TYPE:	Completion
HAS VARIABLES:	False
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83. A virus or worm can have a payload that installs a(n) _____ door or trap door component in a system, which allows the attacker to access the system at will with special privileges.

ANSWER:	back
POINTS:	1
REFERENCES:	Back Doors
QUESTION TYPE:	Completion
HAS VARIABLES:	False
DATE CREATED:	9/14/2016 10:31 AM
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84. _____ is unsolicited commercial e-mail.

ANSWER:	Spam
POINTS:	1
REFERENCES:	E-mail Attacks
QUESTION TYPE:	Completion
HAS VARIABLES:	False
DATE CREATED:	9/14/2016 10:31 AM
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85. _____ is a technique used to gain unauthorized access to computers, wherein the intruder sends messages with a source IP address that has been forged to indicate that the messages are coming from a trusted host.

ANSWER:	Spoofing
POINTS:	1
REFERENCES:	Spoofing
QUESTION TYPE:	Completion
HAS VARIABLES:	False
DATE CREATED:	9/14/2016 10:31 AM
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86. A(n) _____ is an application error that occurs when more data is sent to a program than it is designed to handle.

ANSWER:	buffer overrun
	buffer overflow
POINTS:	1
REFERENCES:	Buffer Overruns
QUESTION TYPE:	Completion
HAS VARIABLES:	False
DATE CREATED:	9/14/2016 10:31 AM

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87. _____ is the percentage of time a particular service is available.

ANSWER:	uptime
	up-time
	up time
POINTS:	1
REFERENCES:	Deviations in Quality of Service
QUESTION TYPE:	Completion
HAS VARIABLES:	False
DATE CREATED:	12/28/2016 9:42 AM
DATE MODIFIED:	12/28/2016 9:43 AM

88. _____ occurs when an application running on a Web server inserts commands into a user's browser session and causes information to be sent to a hostile server.

ANSWER:	cross-site scripting (XSS)
	cross-site scripting
	XSS
	cross site scripting (XSS)
	cross site scripting
POINTS:	1
REFERENCES:	The Deadly Sins in Software Security
QUESTION TYPE:	Completion
HAS VARIABLES:	False
DATE CREATED:	12/28/2016 10:30 AM
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Essay

89. There are 12 general categories of threat to an organization's people, information, and systems. List at least six of the general categories of threat and identify at least one example of those listed.

ANSWER:	Compromises to intellectual property
	Software attacks
	Deviations in quality of service
	Espionage or trespass
	Forces of nature
	Human error or failure
	Information extortion
	Sabotage or vandalism
	Theft
	Technical hardware failures or errors
	Technical software failures or errors
	Technological obsolescence
POINTS:	1
REFERENCES:	The 12 Categories of Threats

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QUESTION TYPE: Essay
HAS VARIABLES: False
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90. Describe viruses and worms.

ANSWER: A computer virus consists of segments of code that perform malicious actions. This code behaves very much like a virus pathogen attacking animals and plants, using the cell's own replication machinery to propagate and attack. The code attaches itself to the existing program and takes control of that program's access to the targeted computer. The virus-controlled target program then carries out the virus's plan by replicating itself into additional targeted systems.

       A worm is a malicious program that replicates itself constantly without requiring another program to provide a safe environment for replication. Worms can continue replicating themselves until they completely fill available resources, such as memory, hard drive space, and network bandwidth.

POINTS: 1
REFERENCES: Malware
QUESTION TYPE: Essay
HAS VARIABLES: False
DATE CREATED: 9/14/2016 10:31 AM
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91. Describe the capabilities of a sniffer.

ANSWER: A sniffer is a program or device that can monitor data traveling over a network. Sniffers can be used both for legitimate network management functions and for stealing information from a network. Unauthorized sniffers can be extremely dangerous to a network's security because they are virtually impossible to detect and can be inserted almost anywhere. This makes them a favorite weapon in the hacker's arsenal. Sniffers often work on TCP/IP networks, where they're sometimes called packet sniffers. Sniffers add risk to the network because many systems and users send information on local networks in clear text. A sniffer program shows all the data going by, including passwords, the data inside files, and screens full of sensitive data from applications.

POINTS: 1
REFERENCES: Communications Interception Attacks
QUESTION TYPE: Essay
HAS VARIABLES: False
DATE CREATED: 9/14/2016 10:31 AM
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