

1. In the CIA triad, what does the letter 'I' stand for?

1 / 1 point

- ☒ Integrity
- ☐ Implementation
- ☐ Intelligence
- ☐ Information

✓ Correct

2. Which of the following is true of black hat and white hat hackers?

1 / 1 point

- ☐ Neither black hats nor white hats can be trusted.
- ☐ Black hats try to find weaknesses, but white hats don't.
- ☐ Black hats work with owners to fix problems. White hats just try to get into a system.
- ☒ Black hats are malicious. White hats identify weaknesses to help mitigate threats.

✓ Correct

3. What's the difference between a virus and a worm?

1 / 1 point

- ☐ Worms replicate, but viruses do not.
- ☐ Viruses do not replicate, but worms do.
- ☐ Worms replicate through files, but viruses live on their own.
- ☒ Viruses replicate through files, but worms live on their own.

✓ Correct

4. An unhappy systems administrator installed malware that attacked after a timed event, rather than when it was installed. What type of malware does this describe?

1 / 1 point

- ☒ A logic bomb
- ☐ A rootkit
- ☐ Ransomware
- ☐ Spyware

✓ Correct

5. What kind of attack tricks a server by sending the server to a compromised fake site when it tries to access a legitimate site?

1 / 1 point

- ☐ A SYN flood attack
- ☒ A DNS cache poisoning attack
- ☐ A DDoS attack
- ☐ An injection attack

✓ Correct

6. Which of the following can occur during a ping of death (POD) attack? Select all that apply. 0.75 / 1 point

- ☐ Baiting
- ☒ A buffer overflow

✔ Correct

- ☐ Execution of malicious code
- ☐ Phishing

You didn't select all the correct answers

7. Which of the following attacks send many packets to a system to crash it or to prevent services from being available? Select all that apply. 0.75 / 1 point

- ☒ Ping flood

✔ Correct

- ☒ SYN flood

✔ Correct

- ☒ A ping of death (POD) attack

✘ This should not be selected
Please review the video on [DoS attacks](#).

- ☐ An evil twin attack

8. Which of the following measures can prevent injection attacks? Select all that apply. 1 / 1 point

- ☒ Input validation

✔ Correct

- ☒ Data sanitization

✔ Correct

- ☐ Flood guards
- ☐ Log analysis systems

9. Which of the following best helps you strengthen your password? 1 / 1 point

- ☐ Choose the name of a favorite movie as a password
- ☐ Use the name of a beloved pet as a password
- ☒ Incorporate symbols, numbers, and capital letters
- ☐ Use passwords from a precompiled list

✔ Correct

10. An email message tells a user there is a problem with the user's bank account. The email directs the user to a login page that steals the user's information. What is this called? 1 / 1 point

- ☐ Injection
- ☐ Denial of Service
- ☐ Tailgating
- ☒ Phishing

✔ Correct