✓ **Congratulations! You passed!**

| **Grade** received 100% | **Latest Submission Grade** 100% | **To pass** 80% or higher | **Go to next item** |

1. Which of the following is an example of the CIA triad's confidentiality principle in action?   `1 / 1 point`

   ⦿ Protecting online accounts with a password
   ◯ Preventing data loss
   ◯ Making sure data hasn't been tampered with
   ◯ Preventing an unwanted download

   ✓ **Correct**

2. Which of the following is an example of a zero-day vulnerability?   `1 / 1 point`

   ◯ A user voluntarily downloads a piece of software hoping it will be useful, but instead it lets hackers access the user's computer.
   ◯ A user accidentally loads malware onto a computer that logs the user's keypresses and uses them to get confidential information.
   ⦿ A group of hackers finds a flaw in a new software product and takes advantage of it before the vendor or developer finds it.
   ◯ After a user downloads and starts a piece of software, it starts showing ads and collecting data.

   ✓ **Correct**

3. What's the difference between a virus and a worm?   `1 / 1 point`

   ◯ Viruses do not replicate, but worms do.
   ⦿ Viruses replicate through files, but worms live on their own.
   ◯ Worms replicate, but viruses do not.
   ◯ Worms replicate through files, but viruses live on their own.

   ✓ **Correct**

4. What type of malware allows an attacker to modify an operating system using admin level tools?   `1 / 1 point`

   ◯ A keylogger
   ◯ A DoS attack
   ⦿ A rootkit
   ◯ A zero day vulnerability

   ✓ **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`

   ◯ An injection attack
   ◯ A SYN flood attack
   ⦿ A DNS cache poisoning attack
   ◯ A DDoS attack

   ✓ **Correct**

6. Which one of the following is a type of DoS attack?   `1 / 1 point`

   ⦿ A SYN flood attack
   ◯ A rogue AP attack
   ◯ A brute force attack
   ◯ A DNS cache poisoning attack

   ✓ **Correct**

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.   `1 / 1 point`

   ☐ A ping of death (POD) attack
   ☑ SYN flood

   ✓ **Correct**

   ☐ An evil twin attack
   ☑ Ping flood

   ✓ **Correct**

8. If a hacker targets a vulnerable website by running commands that delete the website's data in its database, what type of attack did the hacker perform?

- ◉ SQL injection
- ○ A dictionary attack
- ○ A Denial-of-Service (DoS) attack
- ○ Cross-site Scripting (XSS)

✓ **Correct**

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

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

✓ **Correct**

10. An attacker leaves a flash drive loaded with malware on a table. Someone plugs the drive into their computer to see what's on it and accidentally installs malware. What kind of attack is this?

- ◉ Baiting
- ○ Phishing
- ○ Tailgating
- ○ DDoS

✓ **Correct**