1. A threat actor tricked a new employee into sharing information about a senior executive over the phone.

This is an example of what kind of attack?

- ⦿ Social engineering
- ○ Malware
- ○ SQL injection
- ○ Credential stuffing

✓ **Correct**

2. What is the most common form of social engineering used by attackers?

- ○ Malware
- ○ Ransomware
- ⦿ Phishing
- ○ Adware

✓ **Correct**

3. Which of the following are *not* types of malware? Select two answers.

- ☐ Virus
- ☑ Cross-site scripting

  ✓ **Correct**

- ☑ SQL injection

  ✓ **Correct**

- ☐ Worm

4. What are the characteristics of a ransomware attack? Select three answers.

- ☑ Attackers encrypt data on the device without the user's permission.

  ✓ **Correct**

- ☑ Attackers demand payment to restore access to a device.

  ✓ **Correct**

- ☑ Attackers make themselves known to their targets.

  ✓ **Correct**

- ☐ Attackers display unwanted advertisements on the device.

5. Which of the following are common signs that a computer is infected with cryptojacking software? Select three answers.

- ☐ Modified or deleted files
- ☑ Increased CPU usage

  ✓ **Correct**

- ☑ Sudden system crashes

  ✓ **Correct**

- ☑ Unusually high electricity costs

  ✓ **Correct**

6. What is malicious code that is inserted into a vulnerable application called?

- ○ Input validation
- ○ Social engineering
- ○ Cryptojacking
- ⦿ Injection attack

✓ **Correct**

7. An attacker injected malware on a server. When a user visits a website hosted by the server, their device gets infected with the malware.

1 / 1 point

This is an example of what type of injection attack?

- ◉ Stored
- ○ DOM-based
- ○ Brute force
- ○ Reflected

✓ **Correct**

8. Which of the following are areas of a website that are vulnerable to SQL injection? Select two answers.

1 / 1 point

- ☐ Pop-up advertisements
- ☑ Credit card payment forms

✓ **Correct**

- ☑ User login pages

✓ **Correct**

- ☐ Social media feeds

9. A security team is conducting a threat model on a new software system. The team is creating their plan for defending against threats. Their choices are to avoid risk, transfer it, reduce it, or accept it.

1 / 1 point

Which key step of a threat model does this scenario represent?

- ○ Evaluate findings
- ◉ Mitigate risks
- ○ Analyze threats
- ○ Define the scope

✓ **Correct**

10. During which stage of the PASTA framework is an attack tree created?

1 / 1 point

- ◉ Attack modeling
- ○ Threat analysis
- ○ Decomposing an application
- ○ Vulnerability analysis

✓ **Correct**