

Question 1

Which of the following could be examples of social engineering attacks? Select three answers. 1 / 1 point

An unfamiliar employee asking you to hold the door open to a restricted area

Correct

A lost record of important customer information

A pop-up advertisement promising a large cash reward in return for sensitive information

Correct

An email urgently asking you to send money to help a friend who is stuck in a foreign country

Correct

Question 2

Fill in the blank: _____ uses text messages to manipulate targets into sharing sensitive information. 1 / 1 point

Whaling

Smishing

Pretexting

Vishing

Correct

Question 3

A digital artist receives a free version of professional editing software online that has been infected with malware. After installing the program, their computer begins to freeze and crash repeatedly.

The malware hidden in this editing software is an example of which type of malware? 1 / 1 point

Spyware

Trojan

Scareware

Adware

Correct

Question 4

What are the characteristics of a ransomware attack? Select three answers. 1 / 1 point

Attackers make themselves known to their targets.

Correct

Attackers demand payment to restore access to a device.

Correct

Attackers display unwanted advertisements on the device.

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

Correct

Question 5

Which of the following are common signs that a computer is infected with cryptojacking software?

Select three answers. 1 / 1 point

Increased CPU usage

Correct

Sudden system crashes

Correct

Unusually high electricity costs

Correct

Modified or deleted files

Question 6

A hacktivist group gained access to the website of a utility company. The group bypassed the site's login page by inserting malicious code that granted them access to customer accounts to clear their debts.

What type of attack did the hacktivist group perform? 1 / 1 point

Injection

Watering hole

Quid pro quo

Rainbow table

Correct

Question 7

Fill in the blank: A _____ cross-site scripting (XSS) attack is an instance when malicious script exists in the webpage a browser loads. 1 / 1 point

Brute force

Stored

DOM-based

Reflected

Correct

Question 8

Which of the following are areas of a website that are vulnerable to SQL injection? Select two answers. 1 / 1 point

Credit card payment forms

Correct

User login pages

Correct

Social media feeds

Pop-up advertisements

Question 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.

Which key step of a threat model does this scenario represent? 1 / 1 point

Mitigate risks

Evaluate findings

Analyze threats

Define the scope

Correct

Question 10

During which stage of the PASTA framework is an attack tree created? 1 / 1 point

Decomposing an application

Attack modeling

Vulnerability analysis

Threat analysis

Correct