

Question 1

Fill in the blank: \_\_\_\_\_ are malicious code or behaviors that are used to take advantage of coding flaws in a web application. 1 / 1 point

Spear phishing

Web-based exploits

Social engineering

Command-line interface

Correct

Web-based exploits are malicious code or behaviors that are used to take advantage of coding flaws in a web application.

Question 2

Cross-site scripting (XSS) attacks are often delivered by exploiting which of the following languages?

Select two answers. 1 / 1 point

HTML

Correct

XSS attacks are delivered by exploiting the two languages used by most websites, HTML and JavaScript.

JavaScript

Correct

XSS attacks are delivered by exploiting the two languages used by most websites, HTML and JavaScript.

Python

SQL

Question 3

Fill in the blank: A \_\_\_\_\_ is a coding technique that executes SQL statements before passing them onto the database. 1 / 1 point

botnet

prepared statement

SQL injection

phishing kit

Correct

A prepared statement is a coding technique that executes SQL statements before passing them onto the database. Prepared statements are used to defend against SQL injection attacks by validating code before performing a query.

Question 4

What are two examples of when SQL injections can take place? 1 / 1 point

When using the login form to access a site

Correct

Two examples of when SQL injections can take place are when using the login form to access a site and when a user enters their credentials. SQL injection can take place in areas of the website that are designed to accept user input.

When a malicious script exists in the webpage a browser loads

When a malicious script is injected directly on the server

When a user enters their credentials

Correct

Two examples of when SQL injections can take place are when using the login form to access a site and when a user enters their credentials. SQL injection can take place in areas of the website that are designed to accept user input.

Question 5

In a SQL injection attack, malicious hackers attempt to obtain which of the following? Select two answers. 1 / 1 point

Administrative rights

Correct

Malicious hackers target attack vectors to obtain sensitive information, modify tables, and even gain administrative rights to the database.

Passwords that are stored securely

Sensitive information

Correct

In a SQL injection attack, malicious hackers attempt to obtain sensitive information and gain administrative rights.

Operating System