

Quiz Grade: 80.0% (A)

Quiz Submission

Cybersecurity Fundamentals

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Total Questions: 10

Course Information

Course Title: Cybersecurity Fundamentals
Course Code: SCCFU 212
Credit Hours: 3

Quiz Questions, Student Answers, and Correct Answers

Question 1 of 10

Multiple Choice Question

What is the main goal of cybersecurity?

Available Options:

- (A) To prevent data breaches ← STUDENT SELECTED ← CORRECT ANSWER
- (B) To monitor network traffic
- (C) To create secure networks
- (D) To hack into systems

Student's Answer: Option A: To prevent data breaches

Correct Answer: Option A: To prevent data breaches

Question 2 of 10

Text Answer Question

What is the definition of a cyber attack?

Student's Answer:

A cyber attack is a malicious action by attackers who use computers to or networks to harm or steal information to alter and cause damage through data disruptions or normal data operations.

Correct Answer:

An attempt to damage, disrupt, or gain unauthorized access to a computer system or network

Question 3 of 10

Multiple Choice Question

Which of the following is NOT a common type of cyber attack?

Available Options:

(A) Malware

(B) Phishing

(C) Firewall ← STUDENT SELECTED ← CORRECT ANSWER

(D) Ransomware

Student's Answer: Option C: Firewall

Correct Answer: Option C: Firewall

Question 4 of 10

Text Answer Question

What is the purpose of firewalls in cybersecurity?

Student's Answer:

A firewall is a security tool use to protect computers and network system from cyber attacks.

Correct Answer:

To act as a barrier between a trusted internal network and an external untrusted network

Question 5 of 10

Multiple Choice Question

Which of the following is NOT a good password practice?

Available Options:

(A) Using the same password for multiple accounts ← STUDENT SELECTED ← CORRECT ANSWER

(B) Creating a strong and unique password

(C) Changing passwords frequently

(D) Enabling two-factor authentication

Student's Answer: Option A: Using the same password for multiple accounts

Correct Answer: Option A: Using the same password for multiple accounts

Question 6 of 10

Text Answer Question

What is the purpose of encryption in cybersecurity?

Student's Answer:

Encryption protects confidential data, secures on line transactions and protect data storage.

Correct Answer:

To protect sensitive information by converting it into a code that can only be deciphered with a key

Question 7 of 10

Multiple Choice Question

Which of the following is a common security vulnerability in computer systems?

Available Options:

(A) Outdated software ← STUDENT SELECTED ← CORRECT ANSWER

(B) Strong passwords

(C) Limited user access

(D) Regular backups

Student's Answer: Option A: Outdated software

Correct Answer: Option A: Outdated software

Question 8 of 10

Text Answer Question

What is the role of a penetration tester in cybersecurity?

Student's Answer:

A penetration tester is cyber security professional who tests computer systems net work application to find security weaknesses before potential hackers can exploit them.

Correct Answer:

To simulate a cyber attack in order to identify vulnerabilities in a system

Question 9 of 10

Multiple Choice Question

Which of the following is a common method of social engineering?

Available Options:

(A) Installing antivirus software

(B) Using strong passwords

(C) Phishing scams ← STUDENT SELECTED ← CORRECT ANSWER

(D) Updating software regularly

Student's Answer: Option C: Phishing scams

Correct Answer: Option C: Phishing scams

Question 10 of 10

Text Answer Question

What is the purpose of regular security audits in cybersecurity?

Student's Answer:

A security audit is a systematic review an organization computers networks, application and security policies to ensure they are protected against cyber treats.

Correct Answer:

To assess the effectiveness of security measures and identify potential vulnerabilities

