Assignment 03

Total points **19/20**

NAME *

Md. Shakil Hossain

EDGE ID *

2111258

Question	19 of 20 points

What does SLE stand for in quantitative risk analysis? *   1/1

- ⚪ Single Loss Event
- ⚪ System Loss Exposure
- 🔘 Single Loss Expectancy
- ⚪ Software License Expiration

Which of the following is an internal threat? *   0/1

- ⚪ Malware from an email
- ⚪ Fire in the server room
- ⚪ Disgruntled employee deleting files
- 🔘 Natural disaster

Which is an intangible impact of a risk event? * 1/1

- ◯ Loss of revenue
- ◯ Cost to fix systems
- ⦿ Company reputation damage
- ◯ Hardware failure

Which of the following is NOT a risk mitigation strategy? * 1/1

- ◯ Mitigate the risk
- ◯ Accept the risk
- ◯ Avoid the risk
- ⦿ Ignore the risk

What is an example of an environmental threat? * 1/1

- ◯ SQL injection
- ⦿ Earthquake
- ◯ Fraud
- ◯ Data breach

What is the purpose of a vulnerability scan? * 1/1

- ⦿ To test for weaknesses in the system
- ◯ To enhance system speed
- ◯ To install software updates
- ◯ To analyze residual risk

What is a control risk? *   1/1

○ The total elimination of risk

◉ Identifying threats and controls

○ Financial risk of purchasing new software

○ The likelihood of a system upgrade

What is a common risk with cloud computing? *   1/1

○ Faster network speed

◉ Privacy concerns

○ Hardware malfunction

○ No need for backups

What is risk analysis? *   1/1

○ Creating new vulnerabilities

◉ Identifying and mitigating risks

○ A type of software security

○ Conducting financial audits

What is the purpose of a risk matrix (heat map)? *   1/1

○ To determine system vulnerabilities

◉ To visually represent risk levels

○ To detect hacker attacks

○ To increase system performance

Which type of threat comes from inside the organization? * 1/1

- ( ) Environmental threat
- ( ) External threat
- (●) Internal threat
- ( ) Multiparty threat

What is a threat vector? * 1/1

- ( ) A weakness in hardware
- (●) A tool used by hackers
- ( ) A software patch
- ( ) A firewall configuration

What is the first phase of risk analysis? * 1/1

- ( ) Risk mitigation
- ( ) Identifying threats
- (●) Asset identification
- ( ) Analyzing impact

What does a qualitative risk assessment focus on? * 1/1

- ( ) Dollar amounts of risks
- (●) Assigning values based on scale
- ( ) Calculating hardware failure rates
- ( ) Writing legal agreements

4

What is risk appetite? *   1/1

- ⦿ The company's willingness to accept risk
- ○ A policy for data encryption
- ○ A method to control software patches
- ○ A legal contract for cloud providers

What is the goal of impact analysis? *   1/1

- ○ To avoid legal repercussions
- ⦿ To understand the effect of a threat on business
- ○ To increase production rates
- ○ To fix hardware vulnerabilities

What is an example of risk transference? *   1/1

- ○ Encrypting data
- ○ Installing firewalls
- ⦿ Purchasing cybersecurity insurance
- ○ Removing legacy systems

What is the result of a buffer overflow attack? *   1/1

- ○ Data encryption
- ⦿ System crashing
- ○ Faster network speeds
- ○ System hardening

What is a residual risk? *   1/1

○ A risk that has been fully mitigated

◉ A risk that remains after mitigation

○ A hypothetical future risk

○ A risk transferred to third parties

What does ALE stand for? *   1/1

◉ Annual Loss Expectancy

○ Asset Liability Exposure

○ Advanced Loss Estimation

○ Annualized Legal Expense