

TRUE/FALSE

1. Because it sets out general business intentions, a mission statement does not need to be concise.

ANS: F PTS: 1 REF: 42

2. Vision statements should be ambitious.

ANS: T PTS: 1 REF: 42

3. A vision statement is meant to be a factual depiction of the current state of the organization.

ANS: F PTS: 1 REF: 42

4. A clearly directed strategy flows from top to bottom.

ANS: T PTS: 1 REF: 43

5. Strategic planning has a more short-term focus than tactical planning.

ANS: F PTS: 1 REF: 43

6. CISOs use the operational plan to organize, prioritize, and acquire resources for major projects.

ANS: T PTS: 1 REF: 45

7. Implementation of information security can be accomplished only with a top-down approach.

ANS: F PTS: 1 REF: 54

8. The champion in a top-down approach to security implementation is usually a network administrator.

ANS: F PTS: 1 REF: 55

9. The success of information security plans can be enhanced by using a formal methodology like that of the systems development life cycle.

ANS: T PTS: 1 REF: 55

10. The CISO plays a more active role in the development of the planning details than does the CIO.

ANS: T PTS: 1 REF: 53

11. The security governance responsibilities of mid-level managers in the organization includes implementing, auditing, enforcing and assessing compliance.

ANS: T PTS: 1 REF: 53

12. A good general governance framework based on the IDEAL model includes initiating, developing, evaluating, acting and leading.

ANS: F PTS: 1 REF: 52

13. In order to build programs suited to their needs, organizations should conduct an annual information security evaluation, the results of which the CISO should review with staff and then report to the board of directors.

ANS: F PTS: 1 REF: 51

14. Benefits of Information Security Governance include optimization of the allocation of limited security safeguards.

ANS: F PTS: 1 REF: 50

15. Boards of Directors for Information Security Governance should follow essential practices including identifying information security leaders, holding them accountable and ensuring support for them.

ANS: T PTS: 1 REF: 50

16. The basic outcomes of information security governance should include strategic alignment of information security with business strategy to support strategic planning.

ANS: F PTS: 1 REF: 49

17. Information security governance consists of the leadership, organizational structures, and processes that safeguard information. Critical to the success of these structures and processes is effective interoperability between all parties, which requires constructive relationships, a common language, and shared commitment to addressing the issues.

ANS: F PTS: 1 REF: 49

18. According to the Information Technology Governance Institute (ITGI), information security governance includes all of the accountabilities and methods undertaken by the board of directors and executive management to provide strategic direction and establishment of objectives.

ANS: T PTS: 1 REF: 49

19. The primary goal of internal monitoring is to maintain an informed awareness of the state of all of the organization's networks, information systems, and information security defenses.

ANS: T PTS: 1 REF: 66

20. Penetration testing is often conducted by consultants or outsourced contractors, who are commonly referred to as hackers, ninja teams or black teams.

ANS: F PTS: 1 REF: 67

MODIFIED TRUE/FALSE

1. The <u>values statement</u> of a business is like its identity card.

ANS: F, mission statement

PTS: 1 REF: 42

2. <u>Tactical</u> planning is the basis for the long-term direction taken by the organization.

	ANS: F, Strategic		
	PTS: 1 REF: 43		
3.	Strategic plans are used to create tac	tical plans	
	ANS: T	PTS: 1	REF: 45
4.	Some companies refer to operational	<u>l</u> planning as intermedi	ate planning.
	ANS: F, tactical		
	PTS: 1 REF: 45		
	115. 1 KLP. 45		
5.	The <u>top-down</u> approach to security is systems administrators attempt to im		
	ANS: F, bottom-up		
	PTS: 1 REF: 54		
6.	In $a(n)$ methodology, a problem is so	luad based on a struct	urad sequence of procedures
0.	m a(n) <u>methodology</u> , a problem is so	Sived based on a struct	area sequence of procedures.
	ANS: T	PTS: 1	REF: 55
7.	Information security governance inc.	ludes all of the account	tabilities and methods undertaken by t
	board of directors and executive man	nagement to provide str	rategic direction, verification that <u>risk</u> he organization's assets are used prop
	board of directors and executive man	nagement to provide str	
8.	board of directors and executive man management practices are appropriat	hagement to provide state, and validation that t PTS: 1	he organization's assets are used prop REF: 49
8.	board of directors and executive man management practices are appropriat ANS: T The impetus to begin a SDLC-based	hagement to provide state, and validation that t PTS: 1	he organization's assets are used prop REF: 49
8.	board of directors and executive man management practices are appropriat ANS: T	hagement to provide state, and validation that t PTS: 1	he organization's assets are used prop REF: 49
8.	board of directors and executive man management practices are appropriat ANS: T The impetus to begin a SDLC-based	hagement to provide state, and validation that t PTS: 1	he organization's assets are used prop REF: 49
8. 9.	board of directors and executive man management practices are appropriat ANS: T The impetus to begin a SDLC-based ANS: F, plan-driven PTS: 1 REF: 55 Boards of directors should supervise	PTS: 1 PTS: 1 project may be either e strategic information station security is proper	he organization's assets are used prop REF: 49 event-driven or <u>personnel-driven</u> . security objectives by verifying that ly aligned with organizational strategi
	board of directors and executive management practices are appropriate ANS: T The impetus to begin a SDLC-based ANS: F, plan-driven PTS: 1 REF: 55 Boards of directors should supervise management's investment in information	PTS: 1 PTS: 1 project may be either e strategic information station security is proper	he organization's assets are used prop REF: 49 event-driven or <u>personnel-driven</u> . security objectives by verifying that ly aligned with organizational strategi

- 10. The basic outcomes of information security governance should include risk management by executing appropriate measures to manage and mitigate <u>threats</u> to information resources.
 - ANS: T PTS: 1 REF: 49
- 11. According to NACD, boards of directors should identify information security <u>risks</u>, hold them accountable, and ensure support for them.

ANS: F, leaders

PTS: 1 REF: 50

12. Information security governance benefits include increased predictability and reduced uncertainty of <u>business operations</u> by lowering information-security-related risks to definable and acceptable levels

ANS: T PTS: 1 REF: 50

13. The information security governance framework generally includes a comprehensive security strategy explicitly linked with business and IT <u>risks</u>.

ANS: F, objectives

PTS: 1 REF: 50

14. In order to build security programs suited to their needs, the CGTF recommends organizations conduct periodic testing and evaluation of the <u>legality</u> of information security policies and procedures.

ANS: T, effectiveness

PTS: 1 REF: 51

15. Organizations following the IDEAL Governance framework would determine where you are relative to where you want to be in the <u>evaluation</u> phase.

ANS: F, diagnosing

PTS: 1 REF: 52

16. The primary role of the chief <u>information</u> officer is to oversee overall "corporate security posture" for which he/she is accountable to the board.

ANS: F, executive

PTS: 1 REF: 53

17. The CISO is also known as the chief <u>security</u> officer, director of information security or information security manager.

ANS: T PTS: 1 REF: 53

18. According to *Information Security Roles and Responsibilities Made Easy*, the Chief Information Security Officer must understand the fundamental <u>information technology</u> activities performed by the company and, based on this understanding, suggest appropriate information security solutions that uniquely protect these activities.

ANS: F, business

PTS: 1 REF: 53

19. A bottom-up approach to information security implementation begins with <u>security managers</u> who see to improve the security of their systems. _____

ANS: F, system administrators

PTS: 1 REF: 54

20. A(n) <u>vulnerability</u> is an identified weakness of a controlled information asset and is the result of absent or inadequate controls.

ANS: T P	TS: 1 REF	: 59
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MULTIPLE CHOICE

1. The _____ explicitly declares the business of the organization and its intended areas of operations. a. vision statement c. mission statement b. values statement d. business statement ANS: C PTS: 1 REF: 42 2. _____ statements are meant to express the aspirations of the organization. a. Mission c. Values b. Vision d. Business ANS: B PTS: 1 REF: 42 3. Which of the following is true about mission statements? a. They should be ambitious b. They express what the organization is c. They express the aspirations of the organization d. They are not meant to be probable ANS: B PTS: 1 REF: 42 4. Vision statements are meant to be _____. a. probable c. factual b. realistic d. ambitious ANS: D PTS: 1 REF: 42 5. The _____ statement contains a formal set of organizational principles, standards, and qualities. a. vision c. values b. mission d. business ANS: C PTS: 1 REF: 40-41

6.	The long-term direct a. strategic b. tactical	ion take	n by the organi	zation i c. d.	
	ANS: A	PTS:	1	REF:	43
7.	Which of the followia. Strategic plans andb. Tactical plans arec. Operational plandd. Operational pland	re used e used to s are use	to create tactica o create strateg ed to create tac	ic plans tical pla	ans
	ANS: A	PTS:	1	REF:	43
8.	Tactical planning usu a. one to five days b. one to three mon		s a focus of	 c. d.	one to three years five or more years
	ANS: C	PTS:	1	REF:	45
9.	Budgeting, resource a. strategic b. operational	allocatio	on, and manpov	wer are c. d.	critical components of the plan. organizational tactical
	ANS: D	PTS:	1	REF:	45
10.	Tactical planning is a a. strategic planning b. project planning		erred to as	 c. d.	organizational planning operational planning
	ANS: B	PTS:	1	REF:	45
11.	plans are used t a. Strategic b. Tactical	o organ	ize the ongoing	c.	o-day performance of tasks. Organizational Operational
	ANS: D	PTS:	1	REF:	45
12.	Operational plans are a. managers b. security manager		у	c. d.	the CISO the CIO
	ANS: A	PTS:	1	REF:	45
13.	Information security team in order to be et a. objectives b. plans			tainable c.	e highest levels of an organization's management e approach. governance practices
	ANS: A	PTS:	1	REF:	49

- 14. The basic outcomes of information security governance should include all but which of the following?a. Value delivery by optimizing information security investments in support of
 - organizational objectives
 - b. Performance measurement by measuring, monitoring, and reporting information security governance metrics to ensure that organizational objectives are achieved

- c. Resource management by executing appropriate measures to manage and mitigate risks to information technologies
- d. Resource management by utilizing information security knowledge and infrastructure efficiently and effectively

ANS: C PTS: 1 REF: 49-50

- 15. According to the IGTI, Boards of directors should supervise strategic information security objectives by all but which of the following?
 - a. Inculcating a culture that recognizes the criticality of information and information security to the organization
 - b. Verifying that management's investment in information security is properly aligned with organizational budgets and the organization's financial environment
 - c. Assuring that a comprehensive information security program is developed and implemented
 - d. Demanding reports from the various layers of management on the information security program's effectiveness and adequacy

ANS: B PTS: 1 REF: 49

- 16. The National Association of Corporate Directors (NACD) recommends four essential practices for boards of directors. Which of the following is NOT one of these recommended practices?
 - a. Place information security at the top of the board's agenda
 - b. Assign information security to a key committee and ensure adequate support for that committee
 - c. Ensure the effectiveness of the corporation's information security policy through review and approval
 - d. Identify information security leaders, hold them accountable, and ensure support for them

ANS: A PTS: 1 REF: 50

- 17. Which of the following is NOT a significant benefit of information security governance?
 - a. Optimization of the allocation of limited security resources
 - b. A level of assurance that critical decisions are not based on faulty information
 - c. Increased predictability and reduced uncertainty of business operations by lowering information security-related risks to definable and acceptable levels
 - d. All of these are benefits of information security governance

ANS: D PTS: 1 REF: 50

- 18. The information security governance framework generally consists of which of the following?
 - a. Security policies that address each aspect of strategy, control, and regulation
 - b. A security strategy that talks about the value of information technologies protected
 - c. Institutionalized monitoring processes to ensure compliance and provide feedback on effectiveness and mitigation of risk
 - d. All of these are components of the information security governance framework

ANS: B PTS: 1 REF: 50

- 19. According to the Corporate Governance Task Force (CGTF), in order to build programs suited to their needs, organizations should do all but which of the following?
 - a. Create and execute a plan for punitive action for employees who fail to resolve information security deficiencies
 - b. Use security best practices guidance, such as ISO 17799, to measure information security performance

- c. Establish plans, procedures, and tests to provide continuity of operations
- d. Develop plans and initiate actions to provide adequate information security for networks, facilities, systems, and information

ANS: A PTS: 1 REF: 51

- 20. According to the Corporate Governance Task Force (CGTF), in order to build programs suited to their needs, organizations should do all but which of the following?
 - a. Conduct periodic testing and evaluation of the effectiveness of information security policies and procedures
 - b. Establish a security management structure to assign explicit individual roles, responsibilities, authority, and accountability
 - c. Conduct an annual information security evaluation, the results of which the CISO should review with security staff and then report to the board of directors
 - d. Implement policies and procedures based on risk assessments to secure information assets

ANS: C PTS: 1 REF: 51

21. According to the Corporate Governance Task Force (CGTF), which phase in the IDEAL model and framework lays the groundwork for a successful improvement effort?

a. Initiatingb. Establishing	0		Acting Learning
ANS: A	PTS: 1	REF:	52

22. According to the Corporate Governance Task Force (CGTF), during which phase in the IDEAL model and framework does the organization plan the specifics of who it will reach its destination?

a. Initiatingb. Establishing	-		_		Acting Learning
ANS: B	PTS:	1		REF:	52

23. According to the Corporate Governance Task Force (CGTF), during which phase in the IDEAL model and framework does the organization do the work according to the plan?

a. Initiatingb. Establishing			Acting Learning
ANS: C	PTS: 1	REF:	52

24. According to the Corporate Governance Task Force (CGTF), during which phase in the IDEAL model and framework does the organization improve its ability to adopt new improvements in the future?

a. Initiating		с.	Acting
b. Establishing		d.	Learning
ANS: D	PTS: 1	REF:	52

- 25. Which of the following is an information security governance responsibility of the CEO?
 - a. Communicate policies and the program
 - b. Set security policy, procedures, programs and training for the organization
 - c. brief the board, customers and the public
 - d. implement policy, report security vulnerabilities and breaches

ANS: C PTS: 1 REF: 53

26. Which of the following is an nformation security governance responsibility of the CISO? a. Communicate policies and the program

- b. Set security policy, procedures, programs and training for the organization
- c. Brief the board, customers and the public
- d. Implement policy, report security vulnerabilities and breaches

ANS: B PTS: 1 REF: 53

- 27. Which of the following is an information security governance responsibility of the organization's employees?
 - a. Communicate policies and the program
 - b. Set security policy, procedures, programs and training for the organization
 - c. Brief the board, customers and the public
 - d. Implement policy, report security vulnerabilities and breaches

ANS: D PTS: 1 REF: 53

- 28. Which of the following is a characteristic of the bottom-up approach to security implementation?
 - a. Strong upper-management support
 - b. A clear planning and implementation process
 - c. Systems administrators attempting to improve the security of their systems
 - d. Ability to influence organizational culture

ANS: C PTS: 1 REF: 54

29. A _____ is a formal approach to solving a problem based on a structured sequence of procedures.

a. planb. methodology		_	program control
ANS: B	PTS: 1	REF:	55

30. A SDLC-based project may be started by an event-driven or a _____ impetus.

a. plan-drivenb. process-driven			sequence-driven personnel-driven
ANS: A	PTS: 1	REF:	55

- 31. A SDLC-based project that is the result of a carefully developed strategy is said to be _____.
 a. employee-driven c. sequence-driven
 - b. plan-driven d. event-driven

ANS: B PTS: 1 REF: 55

32. At the end of each phase of the security systems development life cycle (SecSDLC), a _____ takes place.a. brainstorming sessionc. structured review

а.	brainstorning se	551011	ι.	siluctured leview	
b.	structured discus	sion		d.	planning session
AN	(S: C	PTS:	1	REF:	55

33. In the security systems development life cycle (SecSDLC), the work products of each phase fall into the next phase to serve as its starting point, which is known as the _____ model.
a. continuous c. circular
b. cycle-based d. waterfall

ANS: D PTS: 1 REF: 55

34. The first phase of the security systems development life cycle (SecSDLC) is the _____ phase.

	a. analysis				logical design
	b. investigation			d.	physical design
	ANS: B	PTS:	1	REF:	56
35.	At the end of the invo	-	on phase of the	securit	y systems development life cycle (SecSDLC), a
	a. effort-value			с.	worthiness
	b. value			d.	feasibility
	ANS: D	PTS:	1	REF:	56
36.					ent life cycle (SecSDLC) assesses the organization's lity to implement and then support the proposed
	a. physical design			C	investigation
	b. implementation				analysis
	-	DTC	1		
	ANS: D	PTS:	1	REF:	56
37.	A(n) is a catego a. threat	ory of o	bjects, persons		r entities that represent a constant threat to an asset. risk
	b. vulnerability				exploit
	0. Vullerability			u.	explore
	ANS: A	PTS:	1	REF:	57
38.	A(n) is a categoa. threatb. vulnerability	ory of o	ojects, persons	c.	r entities that represent a constant threat to an asset. risk exploit
	o. vulleruoliity			u.	exploit
	ANS: A	PTS:	1	REF:	57
39.			• •	o a prop	nent life cycle (SecSDLC), the information obtained osed system-based solution for the business
	b. physical design				investigation implementation
					-
	ANS: A	PTS:	1	REF:	61
40.	A(n) approach a a. SDLC b. SecSDLC	to secur	ity implementa	c.	frequently referred to as a grass-roots effort. top-down bottom-up
	ANS: D	PTS:	1	REF:	54
41.	with influence to mo				ation to succeed, the initiative must have a(n)
	a. SDLC				champion
	b. CISO			d.	mid-level administrator
	ANS: C	PTS:	1	REF:	54
42.	The phase is typ (SecSDLC).	pically 1	he most impor	tant pha	ase of the security systems development life cycle
	(SeeSPLC).			0	analyzia

a. implementation c. analysis

	b. maintenance		d.	logical design
	ANS: B	PTS: 1		
40				
43.	The primary goal of resolution.	is the identificat	ion of sj	pecific, documented weaknesses and their timely
	a. ethical hacking			penetration testing and solutions
	b. SecSDLC			vulnerability assessment and remediation
	ANS: D	PTS: 1	REF:	67
44.		6	ons and I	lower-level planning such as disaster recovery and
	incident response pla a. Managerial	anning.	C	Technical
	b. Operational			Tactical
	ANS: B	PTS: 1	REF:	62
45		1	£ (1	······································
45.	its conduct.	arection and scope o	of the sec	curity process and provide detailed instructions for
	a. Managerial			Technical
	b. Operational			Tactical
	ANS: A	PTS: 1	REF:	62
46.	Which of the following	ing categories of threa		ibes an act of human error or failure?
	a. piracy	ormation disclosure		unauthorized access accidents
	ANS: D	PTS: 1	REF:	57
47.		ent is an example of the		
				acts of human error or failure deliberate acts of theft
	ANS: A	PTS: 1		
	ANS. A	F15. 1	KEF.	51
48.	When an unauthorized the act is categorized		cess to i	nformation that an organization is trying to protect,
		espionage or trespass	c.	deliberate act of information extortion
	b. act of human err	or or failure	d.	deliberate act of theft
	ANS: A	PTS: 1	REF:	57
49.	A(n) is an act of	or event that exploits a	vulnera	bility.
	a. attack	r i i i i	c.	threat
	b. exploit		d.	theft
	ANS: A	PTS: 1	REF:	59
50.	A(n) damages	or steals an organization	on's info	ormation or physical asset.
	a. attack culprit	-	c.	catalyst
	b. threat entity		d.	C
	ANS: D	PTS: 1	REF:	59
51				

51. A(n) _____ is a technique or mechanism used to compromise a system.

	a. exploitb. signature			design program		
	ANS: A	PTS: 1	REF:	59		
52.	An identified weakness of a controlled system is known as a					
	a. liability			vulnerability		
	b. threat		d.	fault		
	ANS: C	PTS: 1	REF:	59		
53.	A is a feature left behind by system designers or maintenance staff.					
	a. virus			worm		
	b. sniffer		d.	back door		
	ANS: D	PTS: 1	REF:	59		
54.	The application of computing and network resources to try every possible combination of characters to crack a password is known as a attack.					
	a. man-in-the-mide			dictionary attack		
	b. denial-of-service			brute force		
	0. demai-or-service	C (D05)	u.	brute force		
	ANS: D	PTS: 1	REF:	59		
55.	A attack uses a list of common values to crack a password.					
	a. dictionary	1 0 1 0 0 0		brute force		
	b. distributed denia	al-of-service (DDoS	5) d.	man-in-the-middle		
	ANS: A	PTS: 1	REF:	59		
56. A attack involves sending a large number of connection or information request				connection or information requests to a target.		
	a. man-in-the-mide		с.			
	b. denial-of-service	e (DoS)	d.	dictionary		
	ANS: B	PTS: 1	REF:	59		
57.	commonly spe	cify who can access	s a particula	r set of information.		
	a. Data owners		с.	Data custodians		
	b. Data users		d.	Security managers		
	ANS: A	PTS: 1	REF:	65		
58.	articular set of information.					
20.	a. Data owners	s for the security un		Data custodians		
	b. Data users			Security managers		
	ANS: A	PTS: 1	REF:			
59.	of the information.	with data owners an	d are respon	nsible for the storage, maintenance and protection		
	a. Data owners		с.	Data custodians		
	b. Data users			Security managers		
	ANS: C	PTS: 1	REF:	65		
60.	work with the	information to perfe	orm their da	ily jobs supporting the mission of the organization.		
•	a. Data owners	, succession point		Data custodians		

b. Data users		d.	Security managers
ANS: B	PTS: 1	REF:	65

COMPLETION

1.	The
	ANS: values
	PTS: 1 REF: 40
2.	Factical plans are used to develop plans.
	ANS: operational
	PTS: 1 REF: 45
3.	The critical components of the plan include budgeting, resource allocation, and manpower.
	ANS: tactical
	PTS: 1 REF: 45
4.	Boards of directors should supervise strategic information security objectives by demanding from the various layers of management on the information security
	program's effectiveness and adequacy
	ANS: reports
	PTS: 1 REF: 49
5.	Boards of directors should Ensure the effectiveness of the corporation's information security through review and approval.
	ANS: policy
	PTS: 1 REF: 50
6.	Another significant benefit of information security governance is for safeguarding information during critical business activities, such as mergers and acquisitions, business process recovery, and regulatory response.
	ANS: accountability
	PTS: 1 REF: 50
7.	The Carnegie Mellon University information security governance model begins with a stimulus for change and loops through proposals for future actions.

ANS: IDEAL

PTS: 1 REF: 52

8. The ______ has the primary responsibility for independent annual audit coordination.

ANS: CISO Chief Information Security Officer CSO Chief Security Officer CRO Chief Risk Officer

PTS: 1 REF: 53

9. Top-down information security initiatives must have a(n) ______ — ideally, an executive with sufficient influence to move the project forward, ensure that it is properly managed, and push for its acceptance throughout the organization.

ANS: champion

PTS: 1 REF: 55

10. The impetus to begin an SDLC-based project may be ______ that is a response to some activity in the business community, or plan-driven, the result of a carefully-developed planning strategy.

ANS: event-driven event driven

PTS: 1 REF: 55

11. According to Sun Tzu: if you know the ______ and know yourself, you need not fear the results of a hundred battles.

ANS: enemy

PTS: 1 REF: 57

12. A(n) ______ is an object, person, or other entity that represents a constant danger to an asset of an organization.

ANS: threat

PTS: 1 REF: 57

13. An act or event that exploits a vulnerability is known as a(n) ______.

ANS: attack

PTS: 1 REF: 59

14. A technique or mechanism that is used to compromise a system is called a(n)

ANS: exploit PTS: 1 REF: 59 15. A(n) ______ is an identified weakness of a controlled system in which necessary controls are not present or are no longer effective. ANS: vulnerability REF: 59 PTS: 1 16. In a(n) ______ attack, the attacker uses an e-mail or forged Web site to attempt to extract personal information from a user. ANS: phishing PTS: 1 REF: 60 17. A technique used to gain unauthorized access to computers, whereby the intruder sends network-level messages to a computer with an IP address indicating that the message is coming from a trusted host is known as a(n) ______ attack. ANS: spoofing REF: 60 PTS: 1 18. Controls or ______ are used to protect information from attacks by threats; the terms are also often used interchangeably. ANS: safeguards PTS: 1 REF: 61-62 19. Data ______ are responsible for the security and use of a particular set of information. ANS: owners PTS: 1 REF: 65 20. In ______ testing, security personnel simulate or perform specific and controlled attacks to compromise or disrupt their own systems by exploiting documented vulnerabilities. ANS: penetration PTS: 1 REF: 67

ESSAY

1. Information security governance yields significant benefits. List five.

ANS:

1. An increase in share value for organizations

2. Increased predictability and reduced uncertainty of business operations by lowering information-security-related risks to definable and acceptable levels

3. Protection from the increasing potential for civil or legal liability as a result of information inaccuracy or the absence of due care

4. Optimization of the allocation of limited security resources

5. Assurance of effective information security policy and policy compliance

6. A firm foundation for efficient and effective risk management, process improvement, and rapid incident response

7. A level of assurance that critical decisions are not based on faulty information

8. Accountability for safeguarding information during critical business activities, such as mergers and acquisitions, business process recovery, and regulatory response.

PTS: 1 REF: 50

2. Describe what happens during each phase of the IDEAL General governance framework.

ANS:

Initiating - Lay the groundwork for a successful improvement effort.

Diagnosing - Determine where you are relative to where you want to be.

Establishing - Plan the specifics of how you will reach your destination.

Acting - Do the work according to the plan.

Learning - Learn from the experience and improve your ability to adopt new improvements in the future.

PTS: 1 REF: 52

3. List the twelve categories of threats to information security and provide an example of each.

ANS:

Categories of threat	Examples
1. Acts of human error or failure	Accidents, employee mistakes
2. Compromises to intellectual property	Piracy, copyright infringement
3. Deliberate acts of espionage or trespass	Unauthorized access and/or data collection
4. Deliberate acts of information extortion	Blackmail of information disclosure
5. Deliberate acts of sabotage or vandalism	Destruction of systems or information
6. Deliberate acts of theft	Illegal confiscation of equipment or information
7. Deliberate software attacks	Viruses, worms, macros, denial-of-service
8. Deviations in quality of service from	
service providers	Power and WAN service issues
9. Forces of nature	Fire, flood, earthquake, lightning
10. Technical hardware failures or errors	Equipment failure
11. Technical software failures or errors	Bugs, code problems, unknown loopholes
12. Technological obsolescence	Antiquated or outdated technologies

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