

Exam 1

Exam Instructions

This exam opens promptly at **Time and Day** and will remain open until **Time and Day**. Exam questions will be answered until **Time and Day** for the benefit of the class. Please post all exam-related questions to the discussion board below for the benefit of the class. **Do not send private emails or messages about the exam.** The exam is open book, open note, and optional group. ALL students must turn in their own exam. Please be sure to organize your notes prior to the exam if you plan to use them. This exam was designed to be completed in an hour or by students who have studied the material in a traditional way. Please answer the questions very carefully and submit only after you have answered all the questions. For all intents and purposes, unsubmitted exam responses are not saved in Canvas. If you are experiencing technical difficulties during the exam, please switch to a browser that supports Canvas. You can open and close the exam; keep in mind your answer choices may not be saved, so be sure to write them down on paper or notepad. Lastly, as a final tip, please "trust but verify" your answer choices. For optimal performance, students should verify that every answer choice chosen has documented reference(s) from our course material that led you to the answer choice.

Good luck!

[EXAM 1 DISCUSSION THREAD](#)

Question 15 pts

"CISA" is short for both (Choose 2):

- Group of answer choices
- Cybersecurity & Infrastructure Security Agency
- ISACA
- Certified Information Systems Auditor
- NIST Agencies
- All of the above
- None of the above

Question 25 pts

Considering the CIA Triad, a scenario in which there is hardware or software failure within an information system violates?

- Group of answer choices
- Confidentiality

Integrity
Availability
Redundancy
Privacy
None of the above

Question 35 pts

An organization needs to identify the types of devices that fail above the averages promised by the manufacturers so that they can take proactive action in contacting manufacturers while the devices are still under warranty or deciding that old devices are reaching the end of their useful life and choosing to replace them before larger scale failures and operational disruptions occur. What does the organization need to track over time for the devices?

Group of answer choices
SPOF
MTBF
MTTR
MTTF

Question 45 pts

Biometrics verifies an individual's identity by analyzing a unique personal attribute or behavior. What part of access control does biometrics fall under?

Group of answer choices
Identification
Authentication
Authorization
Accountability
All of the Above
None of the Above

Question 55 pts

What is a solution to threats from forces of nature?

Group of answer choices
Risk Transfer
Risk Acceptance
Redundancy
Risk Mitigation
All of the Above
None of the Above

Question 65 pts

Which industry currently faces impending life-threatening consequences from technological obsolescence as the current infrastructure was not meant for today's world?

Group of answer choices

- The retail clothing industry
- The fast food industry
- The post-secondary education industry
- The aviation industry
- All of the Above
- None of the Above

Question 75 pts

Acts that are unethical are always illegal?

Group of answer choices

- True
- False

Question 85 pts

Thinking about "Red BMW employee" from the course lecture. What was their punishment for the alleged \$50,000 cyberheist?

Group of answer choices

- They were fired publicly and allowed to keep their ill gotten assets but not work again
- They were fired publicly and faced significant jail time
- They were no longer employed by the organization, allowed to keep their ill gotten assets, and found new employment elsewhere
- They were no longer employed but had to forfeit their ill gotten assets

Question 95 pts

What are the three characteristics required for effective deterrence(Choose 3)?

Group of answer choices

- Access Controls
- Penalty awareness
- Fear of penalty
- Probability of being caught
- Probability of penalty being administered
- Known vulnerabilities
- Known threats

Question 105 pts

Which professional association codes of ethics consist of four mandatory canons?

Group of answer choices

(ISC)2

ACM

ISACA

SANS

All of the Above

None of the Above

Question 115 pts

The following passage is an example of which type of law:

(b) For the purpose of enforcement pursuant to this Code section:

(1) The owner of a motor vehicle shall be liable for a civil monetary penalty to the governing body of the law enforcement agency provided for in paragraph (2) of this subsection if such vehicle is found, as evidenced by photographically recorded images, to have been operated in disregard or disobedience of the speed limit within any school zone and such disregard or disobedience was not otherwise authorized by law. The amount of such civil monetary penalty shall be \$75.00 for a first violation and \$125.00 for a second or any subsequent violation, in addition to fees associated with the electronic processing of such civil monetary penalty which shall not exceed \$25.00; provided, however, that for a period of 30 days after the first automated traffic enforcement safety device is introduced by a law enforcement agency within a school zone, the driver of a motor vehicle shall not be liable for a civil monetary penalty but shall be issued a civil warning for disregard or disobedience of the speed limit within the school zone;

Group of answer choices

Statutory Law

Regulatory Law

Constitutional Law

Family Law

All of the Above

None of the Above

Question 125 pts

HIPAA applies to organizations that operate in the US and handles healthcare data in any way.

Group of answer choices

True

False

Question 135 pts

The Security & Freedom Through Encryption Act provides penalties for entities that sell encryption algorithms without regard for the impact of the sale on organizations and entities.

Group of answer choices

True

False

Question 145 pts

FOIA requests by state are partisan based on region?

Group of answer choices

True

False

Question 155 pts

Consider the following scenarios(Choose 2):

1. Which law enforcement agency is responsible for crimes pertaining to counterfeit currency and identity theft in the context of financial institutions?
2. Which law enforcement agency is responsible for a ransomware attack imposed by a nation-state on a business organization?

Group of answer choices

Federal Bureau of Investigation

U.S. Secret Service

U.S. Treasury Department

Securities and Exchange Commission

Local Government Only

State Government Only

Question 165 pts

A criminal used their personal laptop computer in the commission of mortgage fraud. Which digital forensics specialty/body of knowledge is responsible for the investigation?

Group of answer choices

Investigations of digital malfeasance

Root cause analysis investigations

Internal organizational investigations

Criminal investigations

None of the above

Question 175 pts

Consider the following statements:

Statement 1: As a land-grant institution, Auburn University is dedicated to improving the lives of the people of Alabama, the nation, and the world through forward-thinking education, life-enhancing research and scholarship, and selfless service

Statement 2: We want to To lead and shape the future of higher education.

Statement 3: Auburn University's core traditions are passion and spirit. These are the hallmarks of the Auburn Family, and you would be hard-pressed to find a program more steeped in tradition. It's great to be an Auburn Tiger. War Eagle!

Statement 4: I believe that this is a practical world and that I can count only on what I earn. Therefore, I believe in work, hard work.

Which statement is a vision statement?

Group of answer choices

Statement 1

Statement 2

Statement 3

Statement 4

None of the above

All of the above

Question 185 pts

What is the ideal SDLC model for InfoSec implementations?

Group of answer choices

Scrum

Agile

Waterfall

Lean

All of the above

None of the above

Question 195 pts

What is the design phase in which team members evaluate the true feasibility of the technology involved in an InfoSec implementation?

Group of answer choices

Investigation

Analysis

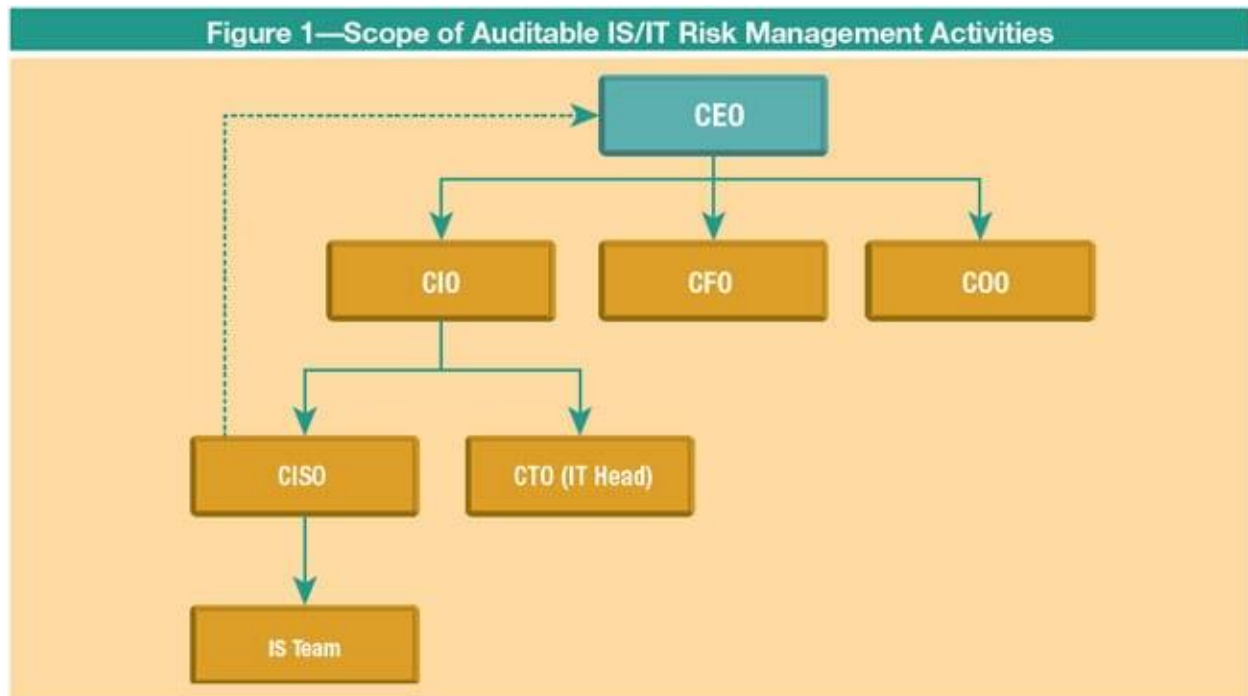
Logical Design

Physical Design

Implementation
Maintenance & Change
None of the above

Question 205 pts

Consider the following organizational structure. Note that there is great debate regarding where in the organizational hierarchy IT leadership falls and a broader, similar discussion regarding the IT security function. In this organizational structure, what is the highest executive position that would help to address the needs of the information security function at an **organizational wide strategic planning meeting** of **equals**?



Group of answer choices

CEO
CIO
CFO
COO
CISO
CTO

Question 210 pts

Upload a screenshot of the in-class exercise outlining a vulnerability, a threat, a target, the loss, the threat agent for your home. Please be sure to note team members names.

Upload
Choose a File

Question 220 pts

Considering the Professional Development and Engagement Exercises what two out of three generic groups for internet safety education are the most vulnerable?

Group of answer choices

General Population

Financial Services Employees

Children/Minors

Senior Citizens

Healthcare Employees

Question 230 pts

Please list anyone that you worked with or consulted for the exam. Why did you choose your partners? If you chose to work alone, why? (Please answer this in at least three full complete sentences).

Question 240 pts

How many hours a week have you dedicated to this course, including exam prep?