Section 2 Assessment

Ethics in Technology

Multiple Choice

1/1 point (ungraded)

What is the meaning of *morals* in the context of ethical judgment?

○ A habit that inclines an individual to do what is generally unacceptable

● The personal principles that determine what an individual considers to be right or wrong

○ A habit that inclines an individual to do what is generally acceptable

○ The code of behavior defined by a group an individual belongs to

Answer

Correct: Correct! Morals are the personal principles that determine what an individual considers to be right or wrong.

Submit

Multiple Choice

1/1 point (ungraded)

What is the primary goal for a supply chain relating to corporate social responsibility (CSR)?

○ Maximum profitability

○ Efficiency

○ Immediate availability

● Sustainability

Answer

Correct: Correct! The primary objective of a supply chain in the context of CSR is its sustainability.

Submit

Multiple Choice

1/1 point (ungraded)

Which factor is primarily used by deontology to evaluate morality of human actions?

○ Cost-benefit analysis

○ Outcome

○ Norms of a person's culture

● Duty

Answer

Ethics in Technology

Submit

Multiple Choice

1/1 point (ungraded)

Which part of the decision-making process involves defining a transition plan?

- ○ Developing a problem statement
- ○ Choosing alternatives
- ○ Identifying alternatives
- ● Implementing the decision

Answer

Correct: Correct! Implementing the decision involves defining a transition plan.

Submit

Multiple Choice

1/1 point (ungraded)

Which measure of the confidentiality, integrity, and availability (CIA) triad should be used by IT professionals at the organization level to supply validation of non-repudiation regarding data access in IT?

- ○ Intrusion detection
- ○ Data encryption
- ○ Antivirus software
- ● Security audit

Answer

Correct:
Correct! A security audit is an organization-level measure of the CIA triad that supplies validation of non-repudiation regarding data access in IT.

Submit

Checkboxes

1/1 point (ungraded)

An IT professional wants the proper credentials and knowledge that is required to collect data from devices affected by cyberattacks to ensure such data would be admissible as evidence in a court of law.

Which certification should the IT professional obtain?

Ethics in Technology

☐ CompTIA Security+

☐ Certified Analytics Professional

Answer

Correct:

That's right! Certified Computer Examiner is a certification in the field of computer forensics. It confirms that a person has the skills required to collect data from devices affected by cyberattacks in the manner that ensures such data is admissible as evidence in a court of law.

Submit

Checkboxes

1/1 point (ungraded)

Choose 2 answers

What are two reasons why professional codes of ethics in IT are important?

☑ They identify the acceptable behaviors for interacting with customers.

☑ They identify the unacceptable behaviors for interacting with customers.

☐ They enforce desired conduct through penalties such as imprisonment and loss of civil rights.

☐ They enforce desired conduct through penalties such as the loss of the right to practice.

Answer

Correct:

That's right! Professional codes of ethics within IT find the acceptable behaviors for interacting with customers.
That's right! Professional codes of ethics within IT find the unacceptable behaviors for interacting with customers.

Submit

Checkboxes

1/1 point (ungraded)

Choose 2 answers.

What are two main elements of a professional code of ethics in IT?

☑ Core values

☑ Common beliefs

☐ Primary responsibilities

☐ Criminal penalties

Answer

Correct:

Ethics in Technology

That's right! In IT, a professional code of ethics includes core values and common beliefs that serve as guidelines for ethical decision-making.

Submit

Multiple Choice

1/1 point (ungraded)

Which scenario may create a conflict of interest between IT workers and clients?

○ A consulting firm that provides security services publicly discloses a flaw in software made by another company.

○ A consulting firm that provides audit services is conducting an independent security audit for a company and is recommending remediation methods.

○ A consulting firm that provides audit services contacts another company privately about a flaw in the company's software.

⦿ A consulting firm that provides security services is conducting an independent security audit for a company and is recommending remediation methods.

Answer

Correct:
Correct! Conducting an independent security audit and recommending remediation methods is a clear conflict of interest if the firm has financial ties to those recommendations.

Submit

Multiple Choice

1/1 point (ungraded)

Which type of guidance is provided by professional codes of ethics within IT?

○ General definition of a breach of contract

○ Basic terms of whistleblower policies

○ Detailed definition of a material breach of contract

⦿ Course of action in cases of conflict of interest

Answer

Correct: Correct! Professional codes of ethics within IT provide the course of action in cases of conflict of interest.

Submit

Checkboxes

1/1 point (ungraded)

Choose 2 answers.

Ethics in Technology

☑ Data privacy

☐ Consumer privacy

☐ Personal privacy

Answer

Correct:

That's right! Communication privacy is part of the information privacy concept, which deals with protecting the exchange of data from being surveilled.
That's right! Data privacy is part of the information privacy concept, which deals with restricting access to an individual's personal data.

Submit

Multiple Choice

1/1 point (ungraded)

Which aspect of the computer security triad provides guidance when dealing with data accuracy in IT?

○ Immutability

○ Confidentiality

○ Availability

◉ Integrity

Answer
Correct: Correct! The integrity aspect of the confidentiality, integrity, and availability (CIA) triad deals with data accuracy.

Submit

Multiple Choice

1/1 point (ungraded)

How should an IT professional respond to a cyberattack prior to the incident eradication?

○ Pursue the perpetrator

○ Communicate the extent of damage to the general public

○ Perform a root cause analysis

◉ Preserve evidence and activity logs

Answer

Correct:
Correct! In response to a cyberattack, prior to the incident eradication, an IT professional should capture evidence and activity logs.

Ethics in Technology

Multiple Choice

1/1 point (ungraded)

Which philosophy is doing what is morally correct instead of following a law?

- ○ Pluralism
- ○ Egoism
- ○ Altruist
- ⦿ Deontology

Answer

Correct: Correct! Deontology says to do what is morally correct instead of following a law.

Submit

Multiple Choice

1/1 point (ungraded)

Which type of attack is a common cause of data-level breaches with global scope?

- ○ DDoS attack
- ○ Spear phishing
- ○ SQL injection
- ⦿ Phishing

Answer

Correct: Correct! Phishing is a common cause of data-level breaches with global scope.

Submit

Multiple Choice

1/1 point (ungraded)

A senior executive at a hospital requests unauthorized access to sensitive patient information. The data management team denies the request after a thorough review. What best describes the data management team's actions?

- ○ Ethical/illegal
- ⦿ Ethical/legal
- ○ Unethical/legal
- ○ Unethical/illegal

Ethics in Technology

Answer

Correct:
Correct! HIPPA compliance requires control over patient data, and the team members are acting as good stewards of the data in their care.

Submit

Multiple Choice

0/1 point (ungraded)

A software developer publishes an application that can download and play animal videos. Employees of a company can download the application to their company-issued device from a third-party application store. The videos are being watched during business hours despite acceptable use policies that prohibit this.

How might Epicurus respond to the question of whether it is ethical to obey or disobey the acceptable use policies?

- ⦿ Pleasure is the greatest good for human beings.

- ◯ Pleasure is the greatest downfall for human beings.

- ◯ Moral obligation is the greatest good for human beings.

- ◯ Moral obligation is the greatest downfall for human beings.

Answer

Incorrect:
Correct! Epicurus would assert that pleasure is the greatest good for human beings, emphasizing the importance of pursuing enjoyment in life.

Submit

Ethics in Technology

‹ Previous

Next ›

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Ethics in Technology