

Ethics in Technology

Check Your Understanding

Ethics in Technology



Evaluate your learning by completing the following knowledge check items.

Multiple Choice

1/1 point (ungraded)

What is the meaning of normative ethics 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: Ethics is a code of behavior defined by a group an individual belongs to.

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Multiple Choice

1/1 point (ungraded)

How many advances in technology generate ethical problems?

- ☒ Companies take advantage of their privileged access to personal user data to benefit their shareholders.
- ☐ A company's workers benefit from easier access to publicly available information to improve their technical skills.
- ☐ The internet provides customers with convenient access to a wider variety of environmentally sustainable products.
- ☐ Surveillance allows companies to increase productivity by closely watching their employees' behavior.

Answer

Correct:
That's right! Privileged access to personal data raises ethical concerns because such data can be easily misused if ethical considerations are not taken into account.

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Multiple Choice

1/1 point (ungraded)

Which area of ethical concerns in IT deals directly with information ownership?

- ☐ Accuracy
- ☐ Access
- ☒ Property

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Answer

Correct: Property deals directly with information ownership.

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Multiple Choice

1/1 point (ungraded)

Why is it important for computing professionals to study ethics?

- ☐ To ensure they can create more complex algorithms
- ☒ To understand and impact the wider world through their technological creations
- ☐ To comply with industry standards for programming languages
- ☐ To focus on the technical details of hardware design

Answer

Correct:
Correct! Understanding ethics helps computing professionals make informed decisions that consider the broader societal impact of their technological innovations.)

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Multiple Choice

1/1 point (ungraded)

What is one reason mentioned in the material for why human values play a crucial role in computing ethics?

- ☐ They can be easily standardized and measured
- ☒ They influence how humans make decisions and interact with technology
- ☐ They are often irrelevant to technological development
- ☐ They simplify the process of creating new programming languages

Answer

Correct:
Correct! Human values shape decision-making and interactions with technology, making them essential for understanding and addressing ethical issues in computing.

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Ethics in Technology

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