

Check Your Understanding

Ethics in Technology



Evaluate your learning by completing the following knowledge check items.

Multiple Choice

1/1 point (ungraded)

On which topic does the International Organization for Standardization (ISO) 9001 provide guidance for ethical standards in IT?

- ☐ Risk management
- ☐ Socially responsible operations
- ☐ Information systems protections
- ☒ Quality products and services

Answer

Correct: Correct! ISO 9001 is a guide to quality products and services.

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Multiple Choice

1/1 point (ungraded)

Which technique is used to develop International Organization for Standardization (ISO) 9000-compliant systems?

- ☐ Capability maturity model integration (CMMI)
- ☐ Carrier-sense multiple access with collision detection (CSMA/CD)
- ☐ Waterfall system development model
- ☒ Failure mode and effects analysis

Answer

Correct: Correct! Failure mode and effects analysis is used to develop ISO 9000-compliant systems.

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Multiple Choice



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- ☒ To evaluate and improve organizational processes
- ☐ To offer specific tools for project management
- ☐ To replace existing software development methodolgies

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Answer

Correct: Correct! CMMI is designed to evaluate and improve organizational processes through a set of best practices.

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Multiple Choice

1/1 point (ungraded)

What is meant by "residual risk" in the context of risk management?

- ☐ The total risk before any management actions are taken
- ☒ The level of risk that remains after implementing risk management strategies
- ☐ The risk that is transferred to a third party
- ☐ The risk that is completely eliminated by avoidance strategies

Answer

Correct:
Correct! Residual risk refers to the level of risk that remains after an organization has implemented its risk management strategies.

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