1. How are information, processes and skills inherent to the organisations business that have value to the organisation in terms of its business model and is necessary for achieving its objectives, called?

☐ System asset
☐ Business asset
☐ Security requirement
☐ Control
Business Asset

• Information, process, skill inherent to the business of the organisation that has value to the organisation in terms of its business model and is necessary for achieving its objectives
  • Technical plan
  • Structure calculation process
  • Architectural competence

• Business assets are immaterial
Business Asset

- Information, process, skill inherent to the

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- Business assets are immaterial
2. What is a condition over the phenomena of the environment that we wish to make true by installing the system, in order to mitigate risks?

☐ Control
☐ Attack method
☐ System asset
☐ Security requirement
Security Requirement

- A condition over the phenomena of the environment that we wish to make true by installing the system, in order to mitigate risks
  - Appropriate authentication methods shall be used to control access by remote users
  - System documentation shall be protected against unauthorised access
2. What is a condition over the phenomena of the environment that we wish to make true by installing the system, in order to mitigate risks?

☐ Control
☐ Attack method
☐ System asset
☒ Security requirement
3. What is a property or constraint on business asset?

☐ Security criteria
☐ Vulnerability
☐ Impact
☐ Security requirement
Security Criterion

- Property or constraint on business assets
  - Characterise security needs
    - Confidentiality
    - Integrity
    - Availability
  - Act as indicators to assess the significance of a risk

- The **Security objective** of the system is defined using security criteria on business assets
  - Confidentiality of the technical plans
  - Integrity of the structure calculation process
Security Criterion

- Property or constraint on business assets

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- Vulnerability
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- The Security objective of the system is defined using security criteria on business assets
  - Confidentiality of the technical plans
  - Integrity of the structure calculation process
4. What is a potential attack, carried out by an agent that targets one or more system assets and exploits vulnerabilities of these assets?

☐ Attack method
☐ Threat
☐ Event
☐ Risk
Threat

• Potential attack, carried out by an agent that targets one or more IS assets and that may lead to harm to assets
  – A hacker using social engineering on a member of the company
  – A thief entering a company building and stealing media or documents
4. What is a potential attack, carried out by an agent that targets one or more system assets and exploits vulnerabilities of these assets?

☐ Attack method
☐ Threat
☐ Event
☐ Risk
5. What is a designed means to improve security?

☐ Security requirement
☐ Control
☐ Security criterion
☐ Protected asset
Control

- Designed means to improve security, specified by a security requirement, and implemented to comply with it
  - Firewall
  - Backup procedure
  - Building guard
Control

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• Building guard