

# Industrial Control Systems Security Certification Practice Test Questions and Answers

**1. What is the primary difference between IT security and OT (Operational Technology) security in industrial environments?**

- A) OT systems prioritize availability and safety over confidentiality
- B) IT systems require more physical security measures
- C) OT systems use only wireless communications
- D) IT systems operate in real-time critical environments

**2. According to NIST Cybersecurity Framework, what is the first step in securing industrial control systems?**

- A) Implementing firewalls and intrusion detection systems
- B) Identifying and inventorying all assets and systems
- C) Training all personnel on cybersecurity procedures
- D) Establishing incident response protocols

**3. What is the most effective network segmentation strategy for protecting critical SCADA systems?**

- A) Connecting all systems to the corporate network
- B) Implementing air-gapped networks with secure remote access when needed
- C) Using only password protection for network access
- D) Allowing direct internet connectivity for remote monitoring

**4. Which industrial protocol is most commonly targeted by cyber attacks due to its lack of built-in security features?**

- A) HTTPS
- B) Modbus TCP
- C) SSH
- D) TLS

Answers: 1-A 2-B 3-B 4-B

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