

IC46C

Pre-Instructional Survey - Answer Sheet

Name _____ Date _____

1. What are the full names for the following acronyms?
 - a. BPCS **Basic Process Control System**
 - b. DCS **Distributed Control System**
 - c. PLC **Programmable Logic Controller**
 - d. SCADA **Supervisory Control and Data Acquisition System**
 - e. SIS **Safety Instrumented System**

2. The process of securing a system by reducing its attack surface is known as:
 - a. Threat modeling
 - b. System hardening**
 - c. Intrusion detection
 - d. Whitelisting

3. A security design technique that identifies and mitigates potential security issues in products is known as:
 - a. Unit testing
 - b. Threat modeling**
 - c. Security verification testing
 - d. Security validation testing

4. What is typically the priority of security objectives for an Industrial Automation and Control System?
 - a. Confidentiality, Integrity, Availability
 - b. Integrity, Availability, Confidentiality**
 - c. Availability, Integrity, Confidentiality** (note: this is what the standard says)
 - d. Integrity, Confidentiality, Availability

5. An action, device, procedure or technique that reduces a threat, vulnerability or an attack by minimizing the harm it can cause, or by discovering and reporting it so that corrective action can be taken is known as:
 - a. Countermeasure**
 - b. Risk assessment
 - c. Security control**
 - d. Vulnerability assessment