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NEW QUESTION: 1

What is defined as the hardware and software components of an IACS?

Available Choices (select all choices that are correct)

- A. Electronic security
- B. Cybersecurity
- C. Control system
- D. COTS software and hardware

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 2

Which is a role of the application layer?

Available Choices (select all choices that are correct)

- A. Provides the mechanism for opening, closing, and managing a session between end-user application processes
- B. Delivers and formats information, possibly with encryption and security
- C. Includes protocols specific to network applications such as email, file transfer, and reading data registers in a PLC
- D. Includes user applications specific to network applications such as email, file transfer, and reading data registers in a PLC

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 3

Which is the PRIMARY responsibility of the network layer of the Open Systems Interconnection (OSI) model?

Available Choices (select all choices that are correct)

- A. Gives transparent transfer of data between end users
- B. Forwards packets, including routing through intermediate routers
- C. Handles the physics of getting a message from one device to another
- D. Provides the rules for framing, converting electrical signals to data

Answer: (SHOW ANSWER)

NEW QUESTION: 4

What does Layer 1 of the ISO/OSI protocol stack provide?

Available Choices (select all choices that are correct)

- A. Framing, converting electrical signals to data, and error checking
- B. Data encryption, routing, and end-to-end connectivity
- C. The electrical and physical specifications of the data connection
- D. User applications specific to network applications such as reading data registers in a PLC

Answer: C (LEAVE A REPLY)

NEW QUESTION: 5

Which of the following is an example of separation of duties as a part of system development and maintenance?

Available Choices (select all choices that are correct)

- A. Developers write and then test their own code.
- B. Design and implementation are performed by the same team.
- C. Configuration settings are made by one party and self-reviewed using a checklist.
- D. Changes are approved by one party and implemented by another.

Answer: D (LEAVE A REPLY)

NEW QUESTION: 6

The Risk Analysis category contains background information that is used where?

Available Choices (select all choices that are correct)

- A. Only the Assessment element
- B. Only the Risk ID element
- C. Many other elements in the CSMS
- D. (Elements external to the CSMS

Answer: B (LEAVE A REPLY)

NEW QUESTION: 7

What is a commonly used protocol for managing secure data transmission over a Virtual Private Network (VPN)?

Available Choices (select all choices that are correct)

- A. MPLS
- B. IPSec
- C. SSH
- D. HTTPS

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 8

Which of the following is an industry sector-specific standard?

Available Choices (select all choices that are correct)

- A. NIST SP800-82
- B. ISA-62443 (EC 62443)
- C. ISO 27001
- D. API 1164

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 9

Which is a commonly used protocol for managing secure data transmission on the Internet?

Available Choices (select all choices that are correct)

- A. Datagram Transport Layer Security (DTLS)
- B. Secure Sockets Layer
- C. Secure Telnet
- D. Microsoft Point-to-Point Encryption

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 10

What do packet filter firewalls examine?

Available Choices (select all choices that are correct)

- A. The relationships between packets in a session
- B. Every incoming packet up to the application layer
- C. Only the source, destination, and ports in the header of each packet
- D. The packet structure and sequence

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 11

Who must be included in a training and security awareness program?

Available Choices (select all choices that are correct)

- A. Vendors and suppliers
- B. Employees
- C. Temporary staff
- D. All personnel

Answer: D (LEAVE A REPLY)

NEW QUESTION: 12

Which is a reason for
and physical security regulations meeting a mixed resistance?

Available Choices (select all choices that are correct)

- A. Regulations contain only informative elements.
- B. Regulations are voluntary documents.
- C. There are a limited number of enforced cybersecurity and physical security regulations.
- D. Cybersecurity risks can best be managed individually and in isolation.

Answer: C (LEAVE A REPLY)

NEW QUESTION: 13

Which communications system covers a large geographic area?

Available Choices (select all choices that are correct)

- A. Storage Area Network
- B. Local Area Network (LAN)
- C. Campus Area Network (CAN)
- D. Wide Area Network (WAN)

Answer: D (LEAVE A REPLY)

NEW QUESTION: 14

Which is the BEST deployment system for malicious code protection?

Available Choices (select all choices that are correct)

- A. Zones and conduits
- B. Application whitelisting (AWL) OD.
- C. IACS protocol converters
- D. Network segmentation

Answer: A (LEAVE A REPLY)

NEW QUESTION: 15

Which of the following is a trend that has caused a significant percentage of security vulnerabilities?

Available Choices (select all choices that are correct)

- A. IACS evolving into a number of closed proprietary systems
- B. IACS developing into a network of air-gapped systems
- C. IACS using equipment designed for measurement and control

D. IACS becoming integrated with business and enterprise systems

Answer: D (LEAVE A REPLY)

NEW QUESTION: 16

How many security levels are in the ISASecure certification program?

Available Choices (select all choices that are correct)

A. 5

B. 2

C. 4

D. 3

Answer: A (LEAVE A REPLY)

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NEW QUESTION: 17

Which is the PRIMARY objective when defining a security zone?

Available Choices (select all choices that are correct)

A. All assets in the zone must be physically located in the same area.

B. All assets in the zone must share the same security requirements.

C. All assets in the zone must be at the same level in the Purdue model.

D. All assets in the zone must be from the same vendor.

Answer: B (LEAVE A REPLY)

NEW QUESTION: 18

Which of the following provides the overall conceptual basis in the design of an appropriate security program?

Available Choices (select all choices that are correct)

A. Zone model

B. Reference model

C. Reference architecture

D. Asset model

Answer: (SHOW ANSWER)

NEW QUESTION: 19

What is the purpose of ISO/IEC 15408 (Common Criteria)?

Available Choices (select all choices that are correct)

- A. To describe what constitutes a secure product
- B. To define a product development evaluation methodology
- C. To define a security management organization
- D. To describe a process for risk management

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 20

Which of the following tools has the potential for serious disruption of a control network and should not be used on a live system?

Available Choices (select all choices that are correct)

- A. Vulnerability scanner
- B. Web browser
- C. FTP
- D. Remote desktop

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 21

Which is the implementation of PROFIBUS over Ethernet for non-safety-related communications?

Available Choices (select all choices that are correct)

- A. PROFIBUS DP
- B. PROF1SAFE
- C. PROFINET
- D. PROFIBUS PA

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 22

Which layer in the Open Systems Interconnection (OSI) model would include the use of the File Transfer Protocol (FTP)?

Available Choices (select all choices that are correct)

- A. Application layer
- B. Session layer
- C. Transport layer
- D. Data link layer

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 23

What does the abbreviation CSMS found in ISA 62443-2-1 represent?

Available Choices (select all choices that are correct)

- A. Cyber Security Monitoring System
- B. Control System Monitoring System
- C. Control System Management System
- D. Cyber Security Management System

Answer: (SHOW ANSWER)

NEW QUESTION: 24

Which of the following is the BEST reason for periodic audits?

Available Choices (select all choices that are correct)

- A. To confirm audit procedures
- B. To validate that security policies and procedures are performing
- C. To adhere to a published or approved schedule
- D. To meet regulations

Answer: B (LEAVE A REPLY)

NEW QUESTION: 25

Which of the following is an activity that should trigger a review of the CSMS?

Available Choices (select all choices that are correct)

- A. Organizational restructuring
- B. Budgeting
- C. New technical controls
- D. Security incident exposing previously unknown risk.

Answer: D (LEAVE A REPLY)

NEW QUESTION: 26

What are the two elements of the risk analysis category of an IACS?

Available Choices (select all choices that are correct)

- A. Business rationale and risk reduction and avoidance
- B. Business rationale and risk identification and classification
- C. Business recovery and risk elimination or mitigation
- D. Risk evaluation and risk identification

Answer: B (LEAVE A REPLY)

NEW QUESTION: 27

Which layer specifies the rules for Modbus Application Protocol

Available Choices (select all choices that are correct)

- A. Application layer
- B. Session layer
- C. Data link layer

D. Presentation layer

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 28

What is the name of the protocol that implements serial Modbus over Ethernet?

Available Choices (select all choices that are correct)

A. MODBUS/TCP

B. MODBUS/CIP

C. MODBUS/Ethernet

D. MODBUS/Plus

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 29

Which activity is part of establishing policy, organization, and awareness?

Available Choices (select all choices that are correct)

A. Communicate policies.

B. Identify detailed vulnerabilities.

C. Implement countermeasures.

D. Establish the risk tolerance.

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 30

Electronic security, as defined in ANSI/ISA-99.00.01:2007. includes which of the following?

Available Choices (select all choices that are correct)

A. Computers, networks, operating systems, applications, and other programmable configurable

components of the system

B. Security guidelines for the proper configuration of IACS PLCs and other programmable configurable

components of the system

C. Personnel, policies, and procedures related to the security of computers, networks. PLCs, and other

programmable configurable components of the system

D. Security guidelines for the proper configuration of IACS computers and operating systems

Answer: ([SHOW ANSWER](#))

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