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Vendor:Cisco

Exam Code:700-826

Exam Name:Cisco IoT Essentials for Account
Managers

Version:Demo

QUESTION 1

What is a key benefit of the roadways connectivity solution?

- A. protected against security risks and improved productivity
- B. increased operational efficiency
- C. reduced costs and bridged gaps between IT and OT
- D. improved driver experience and safer roads

Correct Answer: D

A key benefit of the roadways connectivity solution is the improvement in driver experience and the enhancement of road safety. These solutions deploy various technologies like connected traffic systems, smart lighting, and more to provide

real-time information, reduce accidents, and improve overall traffic flow, thereby significantly enhancing the safety and driving experience on the road.

References: This understanding is derived from Cisco's focus on IoT solutions for smart cities and transportation, which emphasize improving public safety and user experiences through advanced connectivity and smart infrastructure.

QUESTION 2

Which types of devices are able to be connected in an Extended Enterprise solution?

- A. Data centers, desk phone
- B. Webex, sensors
- C. IP cameras, sorters
- D. Smart meters, actuators

Correct Answer: D

In an Extended Enterprise solution, the types of devices that can be connected typically include those that extend the functionality of the enterprise beyond its traditional boundaries. Smart meters and actuators are examples of such devices. Smart meters provide critical data for utility management and optimization, while actuators play a key role in automating processes and systems, both crucial for expanding the enterprise's operational capabilities into more distributed and dynamic environments. References: The answer reflects an understanding of extended enterprise architectures, where the integration of various IoT devices like smart meters and actuators supports extended operational efficiency and data-driven management.

QUESTION 3

What are the focal points for Oil and Gas opportunities?

- A. gas station automation and fixing corroded pipelines

- B. automation of back-office processes
- C. ensure Oil and Gas exploration and midstream are connected
- D. improve operations, leverage data and insights, and pervasive security

Correct Answer: D

In the Oil and Gas sector, the focal points for opportunities include improving operational efficiencies, leveraging data and insights for better decision-making, and ensuring pervasive security across all operations. These priorities are crucial

for optimizing production, reducing downtime, and protecting assets from increasing cyber and physical threats, thus enhancing overall business performance and safety in the Oil and Gas industry.

References: This response is derived from the strategic objectives often pursued in the Oil and Gas industry to maximize efficiency and security, which align with Cisco's solutions tailored for these sectors.

QUESTION 4

What are Cisco's primary areas of focus for a connected factory?

- A. Connected Factory, Connected Inventory, Factory Cloud
- B. Smart Plant, Smart Security, Smart Automation
- C. Connected Factory, Factory Wireless, Factory Security
- D. Smart Factory, Connected Periphery, Cisco IND

Correct Answer: C

Cisco's primary areas of focus for a connected factory include "Connected Factory," "Factory Wireless," and "Factory Security." These areas are designed to enhance the connectivity, flexibility, and security of manufacturing operations. The

Connected Factory integrates various manufacturing devices and systems onto a common network platform. Factory Wireless enables robust and flexible wireless connectivity for mobile and fixed assets. Factory Security addresses the cybersecurity and physical security needs of manufacturing environments.

References: This understanding is based on Cisco's strategic approaches to industrial IoT, focusing on enhancing connectivity, mobility, and security within manufacturing environments.

QUESTION 5

Which wireless technology is ideal for a customer requiring a low cost of ownership and high control over networks and SLAs?

- A. LoRaWAN
- B. 5G

C. 4G

D. Cisco Ultra-Reliable Wireless Backhaul

Correct Answer: A

LoRaWAN (Long Range Wide Area Network) is ideal for customers requiring a low cost of ownership and high control over networks and Service Level Agreements (SLAs). This wireless technology offers low-power, wide-area network solutions that are cost-effective and provide deep penetration in dense urban or indoor environments. It allows for long-range communications at a low power which ensures extended battery life and minimal operational costs, making it suitable for a wide range of IoT applications. References:LoRaWAN's benefits in terms of cost-effectiveness and network control are widely recognized in the IoT community, including in Cisco's IoT and networking solutions.

QUESTION 6

Which Industrial Routing device is purpose-built for remote and mobile deployments such as first responders and mass transit vehicles?

A. IG30R

B. IR1800

C. IR7200

D. IR8100

Correct Answer: C

The Cisco Industrial Router 7200 (IR7200) series is purpose-built for remote and mobile deployments, making it well-suited for applications like first responders and mass transit vehicles. This device is designed to provide reliable, secure,

and robust connectivity in mobile or remote settings, ensuring continuous communication and data transfer essential for critical operations in these environments.

References:The information is derived from Cisco's product literature on the IR7200, which specifies its capabilities and intended use cases, particularly emphasizing its suitability for challenging and mobile deployments.

QUESTION 7

Which feature of the warehouse connectivity solution results in significant operational cost savings?

A. placement does not require air conditioning

B. provides web server capabilities

C. helps bridge adjacent networks

D. performs data analysis

Correct Answer: A

A significant operational cost saving in the warehouse connectivity solution comes from the fact that the placement of

network equipment does not require air conditioning. This is particularly beneficial in large warehouse environments where the cost and logistics of cooling can be substantial. By eliminating the need for air conditioning for the network equipment, companies can significantly reduce operational expenses related to energy consumption and maintenance. References: This benefit is based on the design and deployment strategies of industrial networking equipment that are optimized for environments with minimal infrastructural support, reducing overall operational costs.

QUESTION 8

Which equipment consistently needs connectivity in a port use case?

- A. baggage scanning system and IP phones
- B. video surveillance and conveyors
- C. auxiliary power systems and crane systems
- D. scanners and digital signage

Correct Answer: B

In port use cases, maintaining continuous connectivity for equipment such as video surveillance and conveyors is essential. Video surveillance systems are crucial for security monitoring and safety throughout the port, while conveyors are integral to the operation of moving goods efficiently. Consistent connectivity ensures that these systems operate without interruption, which is vital for maintaining the flow of operations and security within the port environment. References: The answer aligns with common industrial practices in ports where the continuity of surveillance and conveyor operations are critical for daily activities.

QUESTION 9

How will Roadway solutions typically start?

- A. secure multi-service infrastructure
- B. best in breed solutions
- C. resilient industrial security
- D. DMZ

Correct Answer: A

In the context of roadway solutions, "secure multi-service infrastructure" typically refers to the foundational framework that integrates multiple services, such as traffic management, safety systems, and communications networks, in a secure and robust manner. This infrastructure is essential for enabling advanced roadway systems that can adapt to varying conditions and demands, ensuring efficient and safe transportation environments. References: The answer is derived from common practices and conceptual understanding within the domain of industrial and roadway infrastructure solutions, where security and multi-service capabilities are crucial.

QUESTION 10

Which valuable resources has Cisco created for each of the focus industries?

- A. CRD - Cisco Reference Design
- B. DVD - Digital Validated Design
- C. DAD - Digital Acceleration Design
- D. CVD - Cisco Validated Design

Correct Answer: D

Cisco has created Cisco Validated Designs (CVDs) for each of its focus industries. CVDs provide detailed architectural overviews, setup, and deployment guidelines specifically tailored to industry needs. These designs are tested and validated to ensure reliability and reduce the complexity of deployments. The resource helps customers build and manage networks based on Cisco's best practices and proven configurations. References: The answer is based on Cisco's approach to providing customers with comprehensive, tested, and validated design guides that help in simplifying and ensuring successful deployments across various industries.

QUESTION 11

Where are Utilities currently focused?

- A. reduce OpEx, grid modernization, renewables, safety and security
- B. maintain grid reliability, air gap grid connectivity, move OpEx to CapEx
- C. clean coal, leverage existing assets, connected vehicle
- D. reduce power coverage, Smart appliances, electric vehicle

Correct Answer: A

Utilities are currently focused on reducing operational expenditures (OpEx), modernizing the grid, integrating renewable energy sources, and enhancing safety and security measures. These priorities aim to improve efficiency, sustainability, and resilience in utility operations, addressing the increasing demands for cleaner energy and more reliable service amidst growing environmental and economic challenges. References: This understanding is based on industry trends and strategic focuses commonly observed in the utilities sector, aiming to adopt more sustainable and efficient practices while ensuring robust infrastructure security.

QUESTION 12

Who is the typical buyer for Extended Enterprise Solutions?

- A. CSO
- B. OT
- C. IT
- D. Industrial Systems Integrators

Correct Answer: C

The typical buyer for Extended Enterprise Solutions within organizations is often the IT department. IT professionals are responsible for ensuring the seamless integration and management of enterprise solutions that extend beyond the traditional office space into areas like remote locations, branch offices, and other off-campus environments. They handle the oversight of deploying, managing, and securing the extended network to support the organization's operational needs. References: This answer is derived from understanding the roles within organizations where IT departments are typically tasked with overseeing and implementing technology solutions that support broader business operations, including extended enterprise environments.