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Note: The answer is for reference only, you need to understand all question.

QUESTION 1

Your company, Certkiller , has given you a project to implement an RFID based tracking system for a shopping center. The RFID system would be implemented for dock doors along with an active light based alert system. The light based alert system triggers an alarm when a dock door interrogator experiences a problem. What should you do?

- A. Implement interrogators with dedicated I/O ports that are designed to add light-sensitive enunciators.
- B. Installation of light-sensitive enunciators on the applications in the host RFID system.
- C. Implement light-sensitive tags with dedicated I/O ports.
- D. Installation of light-sensitive enunciators on the middleware in the host RFID system.

Answer: A

QUESTION 2

You are implementing an RFID system for animal identification for a dairy farm. To enable support for the anti-collision algorithm you require interrogators with frequencies below 135 KHz frequency. These interrogators comply with which air-interface standards?

- A. ISO/IEC 18000-2:2004
- B. ISO/IEC 18000-3:2004
- C. ISO/IEC 18000-4:2004
- D. ISO/IEC 18000-6:2004

Answer: A

QUESTION 3

Certkiller is using wired RFID interrogators to read tags attached to clothing. Certkiller had plans to upgrade RFID interrogators based on wireless-based technology to communicate with other RFID devices and hosts. What wireless protocols you would need to enable the RFID interrogators to communicate with other RFID devices and hosts?

- A. ZigBee
- B. RS 485
- C. Bluetooth

D. RS 422

Answer: AC

QUESTION 4

A manufacturing facility is using an RFID system that consists of three conveyors that are set up adjacent to each other and separated by a shield. Each conveyor system uses four antennas. You are experiencing some problem in reading tags; investigation revealed that several tags are not read by the system. The antenna orientation and read range is working fine and system shielding is also implemented successfully. What should you do to ensure that all the tags are read successfully?

- A. Increase the power of the antennas.
- B. Optimize the speed of the conveyor belt.
- C. Remove the RFID shielding equipment.
- D. Install more antennas.

Answer: B

QUESTION 5

In what specific scenarios are RFID interrogators used?

- A. When it is either impossible or inconvenient to move items to the interrogator.
- B. When the tags to be read are in motion.
- C. When you want to use barcode interrogators as RFID interrogators.
- D. When tags are orientated on top of the items.

Answer: A

QUESTION 6

What components of an RFID system provide centralized control for RFID software components and are compatible with a wide range of enterprise applications?

- A. Edge interface
- B. Middleware
- C. Enterprise back-end interface
- D. Enterprise back-end

Answer: B

QUESTION 7

An RFID system is implemented in a manufacturing unit. It uses an anti-collision method in which each interrogator transmits a query to a specific tag using the unique ID (UID) number of that tag. Which anti-collision protocol is used to implement this anti-collision method?

- A. Aloha
- B. Adaptive binary tree
- C. Q
- D. Digital cipher

Answer: B

QUESTION 8

Your company, Certkiller , has given you a project to implement an RFID based tracking system in a facility. While implementing RFID system, you plan to deploy interrogators with upgradeable firmware. Which statement is NOT true for interrogators with upgradeable firmware?

- A. Interrogators with upgradeable firmware have the capability to add future enhancements.
- B. Interrogators with upgradeable firmware are cost effective.
- C. Interrogators with upgradeable firmware are used to conform to either regulatory or legal bodies.
- D. Interrogators with upgradeable firmware have the capability to fix bugs in existing firmware.

Answer: C

QUESTION 9

Your company, Certkiller , has given you a project to implement an RFID based tracking system in a food processing company. You had plans to deploy interrogators at various dock doors in the facility; the tagged food products will be transported through these dock doors. NEMA 4 enclosures would be used for the interrogators. What is the advantage of using NEMA 4 enclosures?

- A. Increased tag read rate
- B. Protection from dust and water
- C. Data security