

Exam : CompTIA RF0-001

Title : RFID+ Certification

Version : Demo

Important Note, Please Read Carefully

Other VisualExams products

[All visualexams IT Exam Products](#)

Our products of Offline Testing Engine

Use the offline Testing engine product to practice the questions in an exam environment.

Build a foundation of knowledge which will be useful also after passing the exam.

[visualexams Testing Engine](#)

Latest Version

We are constantly reviewing our products. New material is added and old material is revised. Free updates are available for 90 days after the purchase. You should check your member zone at VisualExams and update 3-4 days before the scheduled exam date.

Here is the procedure to get the latest version:

1. Go to <http://www.visualexams.com/>
2. Log in the **User Center**
3. The latest versions of all purchased products are downloadable from here. Just click the links.

Feedback

If you spot a possible improvement then please let us know. We always interested in improving product quality.

Feedback should be send to Visualexams@hotmail.com. You should include the following: Exam number, version, page number, question number, and your login Account.

Our experts will answer your mail promptly.

Explanations

This product does not include explanations at the moment. If you are interested in providing explanations for this exam, please contact Visualexams@hotmail.com.

Features

- Comprehensive questions with complete details
- Instant Downloadable in PDF form.
- Verified Answers Researched by Industry Experts
- Questions accompanied by exhibits.
- Drag and Drop questions as experienced in the Actual Exams.
- These questions and answers are backed by our GUARANTEE.
- Questions updated on regular basis.
- Like actual certification exams our product is in multiple-choice questions (MCQs)

Commitment to Your Success: At VisualTestExam.com, we are committed to you ongoing success. Our exams and questions are constantly being updated and compared to industry standards.

Want to earn a Microsoft certification like MCSE, MCSE 2003, CCNA, CCNP? Thinking about getting an A+ or CCSP?

A, CCSP or Network+ Certification with less effort and time. You will be astonished at the theoretical and practical knowledge you will acquire in such a short period of time using our Certification Training Products. Our Study material will enable you to pass your Microsoft, Your Cisco and any other certification on the very first attempt.

Guarantee

Visualexams provides the most competitive quality of all exams for the customers, we guarantee your success at the first attempt with only our Certification Question&Answers, if somehow you do not pass the exam at the first time, we will not only arrange FULL REFUND for you, but also provide you another exam of your claim, ABSOLUTELY FREE!

1. As the distance between tags in a passive ultra high frequency (UHF) RFID interrogation zone decreases, which of the following is affected?

- A. Time required to power the tag
- B. Distance at which the tag can be read
- C. Coverage area of the interrogation zone
- D. Power level of the field

Answer: B

2. An RFID application at an automobile distributorship must be able to inventory the cars from a central location. Which of the following RFID technologies would work BEST in this application?

- A. Active UHF
- B. Passive high frequency (HF)
- C. Passive ultra high frequency (UHF)
- D. Active surface acoustic wave (SAW)

Answer: A

3. In a high frequency (HF) passive system, the anticipated read range should be:

- A. less than 3.2 feet (one meter).
- B. between 3.2 and 16 feet (one and 5 meters).
- C. greater than 32 feet (10 meters).
- D. between 16 and 32 feet (5 meters and 10 meters).

Answer: A

4. RFID printers are able to encode a single tag at a time because of their ability to isolate a tag. This is achieved:

- A. by positioning and tuning the antenna.
- B. because metal case blocks external interference allowing for the tag to be isolated.
- C. because characteristics of far-field communication allow for only one tag to be encoded.
- D. by ensuring that there is at least 8 inches (20 centimeters) between inserts.

Answer: A

5. All of the following are true of widely implemented "slap and ship" programs EXCEPT they:

- A. make it difficult to optimize label application for the container.
- B. are more susceptible to electrostatic discharge (ESD) than in-line automatic applicators.
- C. are lower in cost than application in manufacturing.
- D. are more likely to break the bond between the antenna and the chip.

Answer: C

6. When installing equipment into a proposed interrogation zone based on the site diagram, a technician observes that the cooling fans at the dock doors are directly in the way of the dock stands requiring

installation. Which of the following actions should the technician take?

- A. Cancel the installation because there are physical constraints preventing them from completing the job as designed.
- B. Remove the fans; install the dock stands, and then remount the fans to the dock stand to complete the job.
- C. Remove the fans and place them on the floor just outside of the proposed interrogation zone.
- D. Contact the project manager to arrange a meeting with site management and determine the best solution.

Answer: D

7. A customer has an existing RFID system that has been functioning accurately. The customer starts a new product line and observes a dramatic decrease in read rates. Which of the following would be the FIRST step to take to determine the cause of the decreased read rates?

- A. Do a site assessment for sources of interference.
- B. Examine the currently installed equipment for failed parts.
- C. Perform a tag placement test on the new product.
- D. Attempt to read the new product using a handheld interrogator.

Answer: C

8. An engineer plans to use RFID to track car engines in an automotive product line. The read range requirement needs to be a maximum of twelve feet (3.7 meters). Which of the following RFID technologies would be BEST to implement?

- A. Passive low frequency (LF)
- B. Passive ultra high frequency (UHF)
- C. Passive high frequency (HF)
- D. Active

Answer: B

9. Circular polarized antennas are the BEST choice when:

- A. the tags are oriented in a variety of directions.
- B. the orientations of the tags are controlled.
- C. a longer read distance is required.
- D. a higher speed is required.

Answer: A

10. Which of the following will affect the performance when a technician is designing an interrogation zone? (Select TWO).

- A. Read operations take longer than write operations.
- B. Write operations take longer than read operations.

- C. Once the tag has been read, writing operations are faster.
- D. The maximum write range is less than the maximum read range.
- E. The maximum read range is less than the maximum write range.

Answer: BD

11. In an RFID implementation a technician receives a support ticket indicating that users are no longer able to see items in a specific discrete area. Which of the following items is the cause?

- A. Tags are being plastic wrapped.
- B. The communication network is down.
- C. The RFID interrogator has lost power.
- D. The building power is down.

Answer: C

12. Multiple tags are present in an interrogator's RF field and must be identified by the interrogator, which of the following techniques should be used?

- A. Dense reader mode
- B. Filtering
- C. Encryption
- D. Anti-collision

Answer: D

13. Cyclic Redundancy Check (CRC) is a form of:

- A. frequency evaluation.
- B. data validation.
- C. communication.
- D. serial number validation.

Answer: B

14. Which of the following is the established frequency for high frequency (HF) RFID tags in the United States?

- A. 2.45GHz
- B. 13.56MHz
- C. 860MHz
- D. 915MHz

Answer: B

15. Which of the following describes why EPC Class 1 Gen 2 arbitration is different than Class 1 Gen 1?

- A. The numeric count is faster on an EPC Class 1 Gen 1 tag
- B. More data has to be read from an EPC Class 1 Gen 2 tag
- C. EPC Class 1 Gen 2 has fewer tag collisions

D. The interrogator does not need to acknowledge an EPC Class 1 Gen 2 tag

Answer: C

16. Which of the following must be accomplished before reading data from an ISO18000-6B tag?

- A. Determine the tag memory
- B. Determine the manufacturer
- C. Retrieve unique IDs
- D. Retrieve data formats

Answer: C

17. A client in the United Kingdom wants an RFID system. Which of the following would be the primary consideration when connecting power for an RFID system?

- A. FCC Certification
- B. ETSI
- C. CE standards
- D. UL Standards

Answer: C

18. Which of the following antennas can be mounted directly on a steel frame?

- A. Passive UHF loop antenna
- B. Passive UHF patch antenna
- C. Passive LF loop antenna
- D. Passive HF patch antenna

Answer: B

19. A technician needs to select a tag that will be placed on plastic reusable containers that are sometimes filled with metal objects. Which of following tag types is the MOST cost-effective solution for this situation?

- A. Ultra High Frequency (UHF) tags with a hard plastic substrate spacer
- B. Mount-on-metal UHF tags
- C. High Frequency (HF) tags due to the metal presence
- D. WiFi tags to achieve long range

Answer: A

20. Which of the following is an anti-collision algorithm for high frequency (HF) tags?

- A. Simple Network Management Protocol (SNMP)
- B. Tree walking
- C. ALOHA
- D. Backscatter

Answer: C

Visualexams.com was founded in 2006. The safer,easier way to help you pass any IT Certification exams . We provide high quality IT Certification exams practice questions and answers(Q&A). Especially Adobe, Apple, Citrix, Comptia, EMC, HP, HuaWei, LPI, Nortel, Oracle, SUN, Vmware and so on. And help you pass any IT Certification exams at the first try.

Web site: <http://www.visualexams.com>

You can reach us at any of the email addresses listed below.

E-Mail: [visualexams \(at\) hotmail.Com](mailto:visualexams@hotmail.com)