

REVIEW

Throughout the book, chapter objectives were listed before each chapter. To review for the ISCEA Supply Chain Practitioner (SCP) certification test, these objectives, listed below, should be understood and known to ensure full preparation for the test.

History, Mandates, and Economics

1. Define the acronym RFID
2. Understand which technology RFID was originally derived from
3. Define the various acronyms associated with RFID mandates
4. Identify the significance of commercial and defense mandates
5. Identify the types of scoring models that can be used to select project alternatives
6. Utilize economic tools used to justify RFID implementation

Standards, Theory, and Components

1. Understand the importance of standards
2. Learn about the EPCGlobal RFID Standards
3. Learn the EPC structure
4. Learn about ISO and RFID Standards
5. Learn about human hazards and RFID
6. Learn common terms used in radio frequency theory
7. Study RFID theory and the basics of radio wave creation and transmission
8. Acquire a general knowledge of tags including:
 - Technical Components
 - Classify Tag Types
 - Pros and Cons of Tag Types
 - Explore Future Classes of Tags
9. Learn about various types of antennas
10. Examine the effects of polarization on performance
11. Acquire knowledge of readers/interrogators
12. Examine several RFID peripheral devices

Security, Healthcare, and Research

1. Understand the tools used to support a complete pedigree for an item
2. Determine where high levels of shipping security are needed
3. Identify the area of greatest growth in use of RFID technology
4. Understand the Six Sigma process and its phases
5. Correlate the implementation of a project to a standardized framework