**Rubric
for
Quiz #1**

- Each problem worth 10 points
- Check along left side means earned all 10 points
- Total minus points for a problem is along left side of page

Low Readability: up to -3 per question
Lack of Clarity: up to -3 per question

If minus points not labeled, they are for missing ideas/facts.
Wrong facts/ideas are underlined.

Problem 1

-2 for each missing/wrong up to -10
-1 for each in wrong place

C.I.A. – Confidentiality, Integrity, Availability

A.A.A. – Assurance, Authenticity, Anonymity

If the word is different but has same idea, that's fine

Problem 2

It is the receiver of a message that wishes to verify that the message is indeed from who is purported to have created and sent it.

The most basic way of doing this is to have the sender encrypt the message with her/his own private encryption key. Then send both versions of the message, unencrypted and encrypted, to the receiver. The receiver decrypts the encrypted version with the sender's public key and compares it with the sent unencrypted version. If they match, then only the sender could have created the message.

Problem 3

-3 for each missing "should have item"

If the word is different but has same idea, that's fine

Should Have
Universality

Distinctiveness
Permanence
Collectibility

<u>Desirable but not absolutely necessary</u>
Performance
Acceptability
Circumvention

<u>Problem 4</u>

Open design allows for scrutiny by many parties so as to lead to discovery and correction of design errors.

<u>Problem 5</u>

Radio signals to and from the RFIDs would be blocked. The aluminum foiled box would be acting as a Faraday cage.