RFID INFOSEC Homework #2, ver. 1.0
Assigned Sep. 11 and Due Sep. 16, 2009

Name: ________________________________

ID: _________________________________

32 pts.

Show all your work. Without proper justification and details of steps, correct answers alone may not carry full credit.

Notes:
• Minus 3 points if your homework is not stapled in the upper left-hand corner.
• Minus 2 points if you use the back of your paper. Please only use a single side.
• Minus 2 points if you present the worked problems out of order. In other words, please present the problems in the order assigned, 1, 2, 3, ...

1. Describe the benefits of RFID for retailers. (2 pts.)

2. Describe how consumers want their gathered information to be handled. (2 pts.)

3. Suppose an amusement park has RFID tags embedded in their season passes. Describe a plausible mitigation technique to prevent an attacker from copying the tag and creating a duplicate tag to gain unauthorized access to the park. (10 pts.)

4. Describe the four top privacy threats by RFID. (8 pts.)

5. Describe the five principles of privacy. (5 pts.)

6. Describe the Alan F. Westin’s privacy classification of individuals. (5 pts.)