

## **i310 - Week 7 Wireless Security Questions**

- 1) Describe/contrast Basic Service Set (BSS) and Extended Service Set (ESS) in 802.11 Wifi as well as when would both be used ?
- 2) What is ad-hoc (peer to peer wireless) – why important to understand in computing security context ?
- 3) Explain/describe WiFi channel reuse patterns/model in 2.4 GHz and 5 GHz wireless networks, why is this important ?
- 4) Why is Bluetooth considered a vulnerability (supposing the project saves millions) ?
- 5) What would be best way to lay out the pros/cons for setting policy for question #4
- 6) Describe use of wireless controllers (dynamic controls), basic concept and why advantageous/beneficial from a security perspective ?
- 7) What are the 2 most important design criteria to consider in designing/supporting/utilizing wireless networks ?
- 8) What is RFID ?
- 9) Two basic categories of RFID.
- 10) What security mechanisms are used to help protect wireless systems ?
- 11) Are there security concerns related to RFID ?
- 12) How might I use SNMP/MIBs in securing a wireless network ?
- 14) Why is wireless a security concern, and what should be required to “trust” a wireless device ?
- 16) Wireless Lab demonstrated couple applications – NetStumbler and Wireless Network Monitor ? Their function/role and relevance to CyberSec/IA
- 17) Security implications of roaming in large campus or enterprise environment ?