**ECPI University Rafat Khandaker**

**CIS\_228 09/16/18**

**Unit 3 Review Assignment**

**Chapter 4:** 3, 5, 6, 9, 10, 13, and 16

**Chapter 7**: 3, 8, 11, 17, 18, and 24

**Chapter 4**

1. **Which of the following conditions require cable not to exceed a recommended maximum length?**
   * **D:** Attenuation
2. **What happens to signals as they travel the length of the medium?**
   * **C:** They attenuate.
3. **Which of the following is UTP susceptible to? (choose all that apply)**
   * **A:** EMI
   * **B:** Crosstalk
4. **You have been hired to install a network at a large government agency that wants to reduce the likelihood of electronic eavesdropping on its network. What type of cable is most resistant to eavesdropping?**
   * **D:** Fiber Optic
5. **Which of the following is a characteristic of unshielded twisted-pair cable? (choose all that apply)**
   * **C:** Has a distance limitation of 100 meters
   * **D:** Is susceptible to electrical interface
6. **When two cables run side by side, signals traveling down one wire might interfere with signals traveling on the other wire. What is this phenomenon called?**
   * **D:** Crosstalk
7. **Which of the following is a wiring standard for twisted-pair cable connections? (Choose all that apply)**
   * **B:** TIA/EIA 568A
   * **D:** TIA/EIA 568B

**Chapter 7**

1. **Which of the following is considered a Layer 2 device?**
   * **B:** Switch
2. **What does it mean if the first 24 bits of a MAC address are 01:00:5E?**
   * **B:** It’s a multicast frame
3. **Which of the following is a layer 3 device?**
   * **A:** Router
4. **If you don’t want wireless clients to view the name of your wireless network, what feature should you use?**
   * **B:** Disabling SSID broadcasts
5. **To prevent a war-driver from being able to interpret captured wireless network data, you should enable which of the following?**
   * **C:** WPA or WPA2
6. **Which device is used to communicate between broadcast domains?**
   * **C:** Router