**Homework Chapter 5**

Review Questions:

1. D
2. B
3. C
4. B
5. C
6. E
7. A, B
8. UPD Protocol
9. C
10. Octets
11. C
12. A, C
13. E
14. 4 bits
15. D
16. A
17. B
18. B
19. B
20. A, C
21. B, C
22. D
23. A, C
24. B
25. A

Case Projects:

5-1: The Subnet mask would be 255.255.255.240

First 4 addresses are 197.14.88.241 to 197.14.88.244

5-2: She has to open the Command Prompt and type ipconfig /all the get her subnet mask and IP address.

In the 169.254.14.11 address the 169.254 part means that there’s no DHCP server respond therefore the pc uses APIPA (Automatic Private IP Addressing)

5-3: You must Subnet and recalculate the new subnet Mask