**Homework Chapter 1**

Review Questions:

1. A, C, E
2. A
3. B
4. D
5. C
6. D
7. B
8. A, D
9. D, B, E, F, A, C
10. B, D
11. C
12. B
13. B
14. D
15. D
16. A
17. B
18. A
19. C
20. B
21. A
22. B
23. B
24. A, B, C
25. A
26. C
27. D
28. A
29. B
30. D

Case Projects:

1-1: I would choose a server-based network because I have more employees than an peer-to-peer can support and server-based allows me to better manage clients to access to their specific projects files gives me a centralized storage which is easy to back up.

1-2: I would choose a peer-to-peer because it’s the most inexpensive and requires minimal training for employees, and the supplies I would need to purchase are: NIC cards for each computer, Ethernet cables as Network medium, and a switch as my Interconnecting device.

1-3: The type of network they need is an internetwork because they are going to still working in the same building, and the additional device I need to purchase would be a router.

1-4: I would look for a WPAN technology such as Bluetooth to be featured in both my PDA and GPS.