**Homework Chapter 7**

Review Questions:

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

Case Projects:

7-1: I would look for switches with a VLAN capability to group users according their projects, also I would need the switches to have a VLAN trunk port and a router to interconnect the VLANs, and finally I would also need STP to have fault tolerance

7-2: I would suggest purchasing a wireless Access Point with advance features, specially the ability to be used as a bridge to connect the two buildings

7-3: There will be downtime due to the static configuration, because if the primary link goes offline even though the backup link is ok, since we are using static configuration I would have to route the backup link manually. To reduce the possibility of downtime I can use a routing protocol.