1. Suppose the IEEE 802.11 RTS and CTS frames were as long as the standard DATA and ACK frames. Would there be any advantage to using the CTS and RTS frames? Why or why not?

2. What is MPLS protocol? What are the major benefits of MPLS? What types of traffic that MPLS will produce the largest benefit and why?

3. Compare token passing protocol with CSMA/CD. Under what kind of traffic conditions will token passing protocol have better performance than CSMA/CD?

4. In IEEE 802.5 packet frame, how are the three priority bits and three reservation bits used?

5. Ethernet uses 1-persistent CSMA/CD protocol. When the Ethernet speed increases from 10 Mbps to 100 Mbps, then to 1 Giga bits per second, what new features were proposed to keep it performance? (You have to do some extra reading about Ethernet since the textbook may not have this information.)