Pre-Lab 2 - Basic Router Configuration

To complete this exercise, you will need to read and analyze the Lab 2 handout. Also review section 7.6 in the text and especially 7.6.1.

1. In Lab 2 we will implement the network topology in Figure 1. Label the network components in the space provided. Use the terms: router, switch, and host.

2. Figure 2 illustrates the actual topology of Group A at the end of the lab. Write down the IP address of each node’s network interface in the space provided. (Hint, there are 4 and you will need to read the lab.)

3. You will be required to manually configure the IP settings of a Windows 2000 Professional workstation just as you did in Lab 1. Describe the process to manually configure the IP address, subnet mask, and default gateway.

4. Answer the question in Task 4 step 7.

5. What are the disadvantages of static routing?