Homework1

1. A network consists of network edge, network core, and access networks. What is the purpose of network-edge devices?

2. Please list three guided mediums of access networks.

3. What is the technology used by both DSL and cable modem for enabling Internet access?

4. What is the equation for calculating transmission delay?

5. Please draw the architecture of DSL internet access.

6. What is "store and forward"?

7. Please list the consequences of network congestion for packet switching.

8. Please list the pros and cons of circuit switching and packet switching.

9. Please list and describe the definitions of four sources of packet delay.

10. Please list Internet five-layer protocol stack.

11. How and why packet headers are stacked?