CS 372   **Introduction to Computer Networks**
Self-Check Exercises: Lecture 3a

1) A _____-switched network has a **dedicated** circuit through which information is sent, whereas a _____-switched network sends information in "chunks" through a network on **shared** media

2) What units are we using for network bandwidth?   _____

3) What units are used for transmission rate?   _____

4) What is done with network resources in a circuit switched network to allow multiple users to utilize the network?

5) What is the difference between TDM and FDM

6) How long does it take to send a 13 KiB file from Host A to Host B over a circuit-switched network, assuming
Total link transmission rate = 500Mbps
The network is FDM, with 250 permitted users, each with an equal bandwidth share
A link connection setup requires 100ms.

7) What are three important functions of a packet-switched network