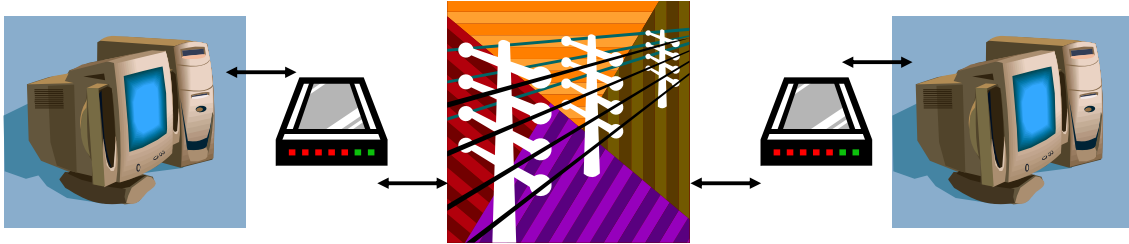


KFUPM - COMPUTER ENGINEERING DEPARTMENT**COE-341 – Data and Computer Communication****Quiz 01 - Feb 27th, 2010****Model A****Student Name:****Student Number:****Fig.1: Communication system.**

1) (6 points) Consider the communication system shown in Fig. 1:

- Specify the type of information and communication signal (analog or digital) used in this system?
- Specify whether the communication mode in this system (simplex, half duplex, or full duplex) and why?
- What is the typical medium for such communication system?

2) (14 points) In class we examined two switching technologies, namely circuit switching and packet switching.

- Define briefly circuit switching and give an example of a circuit-switching communication system.
- For circuit switching there are typically three steps that comprise the communication session. List these steps.