**Computer network** is set of devices connected by communication links.

**Communication** is exchange of information.

**Telecommunication** is communication at a distance.

**Data communication** is the exchange of data between two devices via some transmission medium.

**5 components of data communication.**

Message, Sender, Receiver, Medium, Protocol

**Direction of data flow**

1. Simplex (one direction, mainframe to monitor)
2. Half Duplex (one side at one time, Phone call)
3. Full Duplex (both direction of data all the time, workstation to workstation)

**A network** is a set of devices connected by communication links.

**Protocols** define format, order of messages sent

And received among network entities, and

Actions taken on message transmission or

Receipt.