**Activity Three Questions**

1. What are digital and analog signals?

* Digital signals are computer generated signals (bits), while as analog signals need a physical medium to traverse (continuous electric waves)

1. What are the three communication components?

* Technology
* Device
* Software

1. What is communication tasks?

* Steps required for a better utilization of the transmission.

1. List the communication technology applications.

* E-mail
* Twitter
* Telephony
* Groupware
* Instant messaging
* Chatrooms
* GPS

1. Expand ISDN and explain.

* ISDN: Integrated Services Digital Network
* It is a network of digital switching connections used to transmit digital signals. It can deliver two simultaneous connections on a single line.

1. Define FTP and TFTP.

* FTP: File Transfer Protocol that uses TCP for transportation
* TFTP: Trivial File Transfer Protocol that uses UDP for transportation

1. What are communication channels?

* The pathway between 2 communication devices

1. List and explain the physical transmission media.

* Twisted Pair Cable: made of one or more copper wires bundled together
* Coax-Cable: Consists of a single copper wire surrounded by 3 layers of insulating materials
* Fiber Optic: Strands of plastic or glass used to emit light