

Assignment II

Topic

CCA - 102 -

DATA

COMMUNICATION

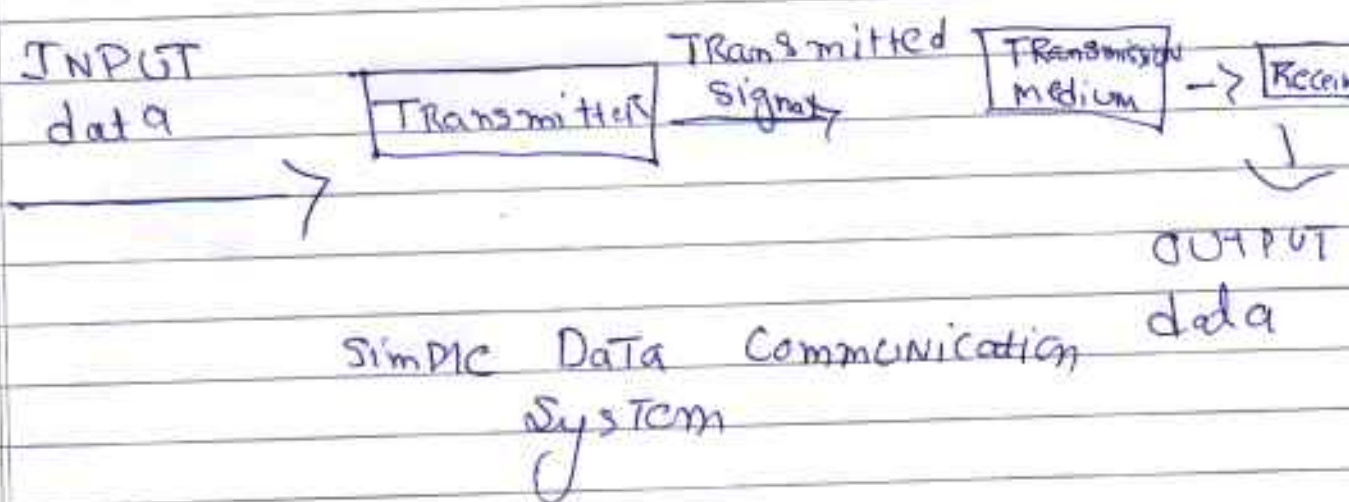
DATA COMMUNICATION

REFERS to the exchange of DATA between a SOURCE and a RECIPIENT via FORM OF TRANSMISSION media such as a wire cable. DATA COMMUNICATION is said to be LOCAL if communicating devices are in the same building or a SIMILARLY RESTRICTED GEOGRAPHICAL area.

DATUM mean the Facts in FORMATION

Statistics or the like derived by calculation or experimentation. Data can exist in a variety of forms such as numbers, text, bits and bytes.

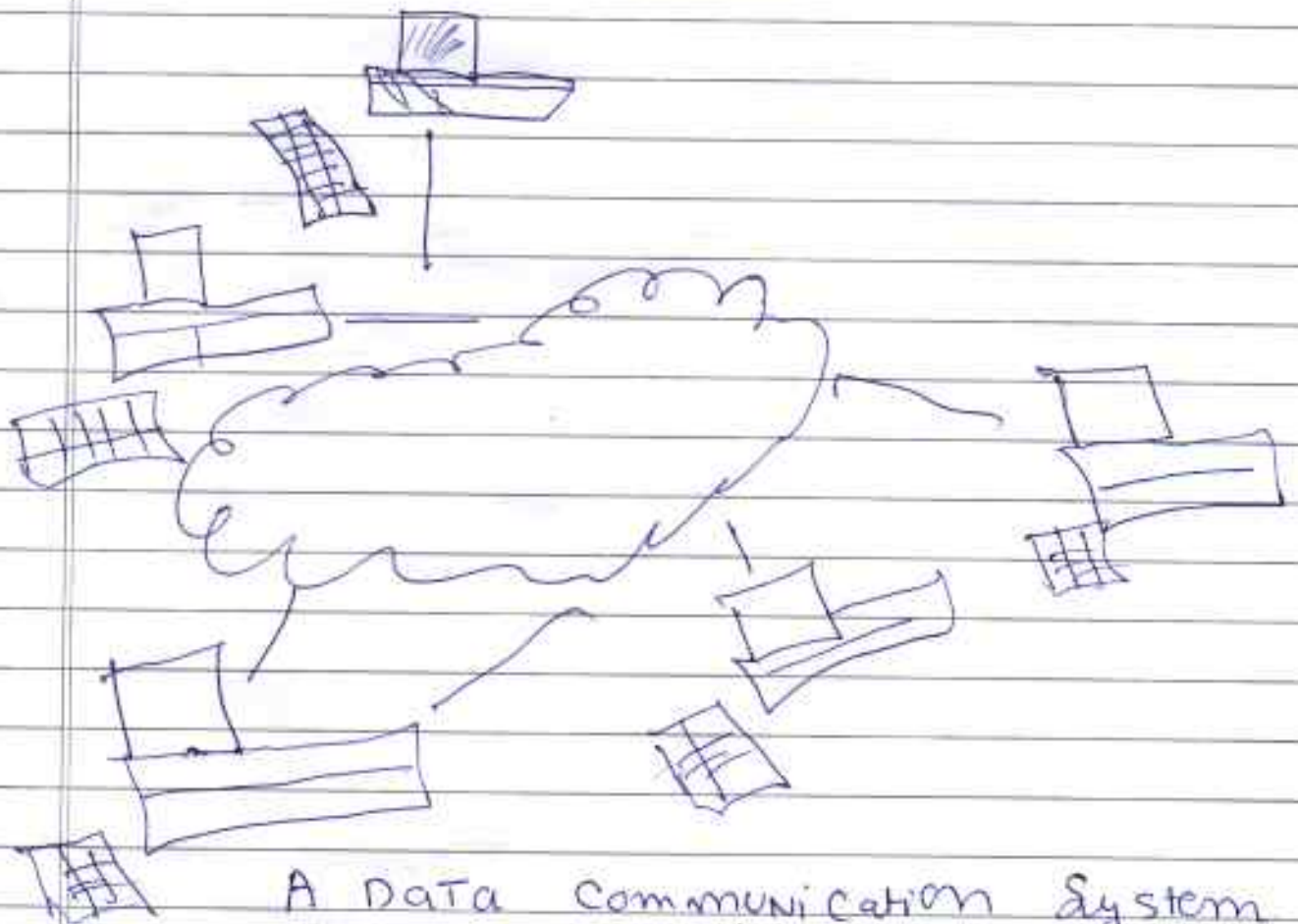
The figure is an illustration of a simple data communication system.



The term data used to describe information under whatever form of words you will

using.

Hence, It becomes necessary to Review and understand these Term and gradual development of data Communication method.



A Data Communication System Using Remote Location

COMPONENTS OF data Communication System

A. Communication System has Following Components

1. Message It is the information or data to be communicated. It can consist of Text, numbers, pictures, sound or video or any combination of these.

② Sender : It is the device / computer that generates and sends that message.

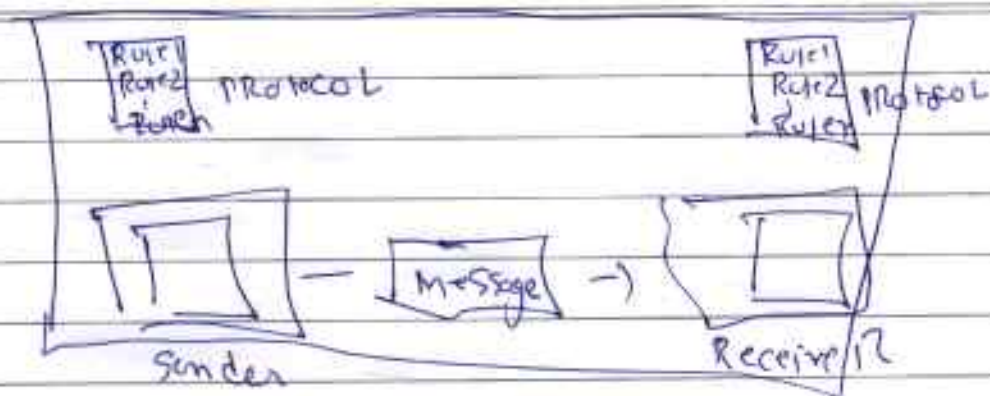
③ Receiver. It is the device or computer

that Receives the message. The distance between Sender and Receiver depends upon the Types of network used in between

- ④ medium It is the channel of Physical Path through which the message is carried From Sender to the Receiver.

A Protocol PERS FORM

- ① DATA sequencing
- ② DATA Routing
- ③ DATA Formatting
- ④ Flow CONTROL
- ⑤ ERROR CONTROL
- ⑥ PREcedence and ORDER OF TRANSMISSION
- ⑦ connection establishment and termination



⑧ Data Security

⑨ Log information