Dota Communication

Networking

- · Analog to Analog · Digital to Digital
- · Analog to Digital · Digital to Analog
 (Impostont Conversions)

(Internal 30)

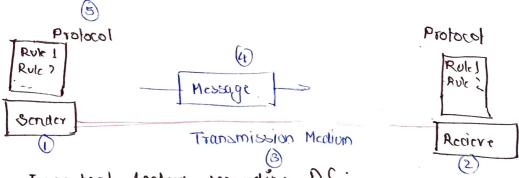
5 - Quiz 5 - Attendance

10 - Assignment 10 - Class Test

Introduction :-

- * The term telecommunication means communication over a distance
- Data communications are the exchange of data between two devices via some form of transmission medium such a wire cable.

Block Diagram of Comm. System:



Don Important factors regarding DC:

- . Delivery: Data must deliver to correct Destination, and must by recieved by only the one who set.
- · Accuracy & There should not be any alteration in the message and even if there is, then it must be corrected and sent to receives by user accorately.
- . Timeliness: Data must be sent dat timely in for Read fine transmission, Data must be sent as soon as it is produced
- . Litter: Litter refers to variation in time delay for transmission of data. Uneven arrival time of data packets. It must be even to provide even quality of va divideo.

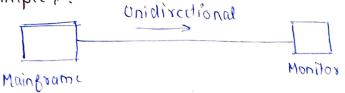
OMTP - Simple Mail Transfer Protocol. FTP - File Fransfer Protocol.

Data Representation	, ,	tation	lepresen!	Dota
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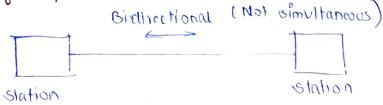
- (il Text: Represented by bit Pattern known as code.
 Unicode is 32 bit coding. ABCII is 8-bit
- ("I Number: Ascil is not osed, Binary representation's used.
- (iii) Image: Matrix of Pixel. For Blow, Is we can use 2-bit grayecale. For colourful, we use RGB
- (v) Audio : Continuous
- (v) video.

Data flow: -

a. Gimplez.



bo Half - Doplex.



c. Full - Duplex.

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station	Station