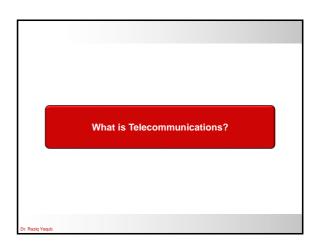
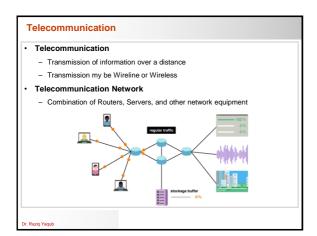
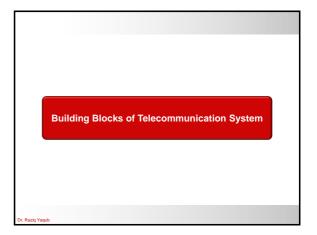
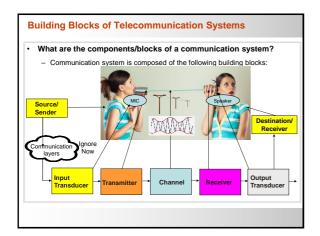


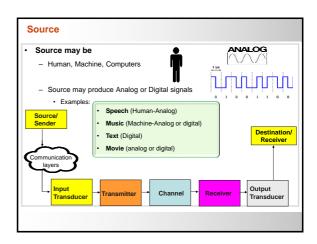
What is Telecommunications? Building Blocks of Telecommunications System Interference and Channel Losses Analog and Digital Communications Primary Reasons for growth of Digital Communications Network Convergence

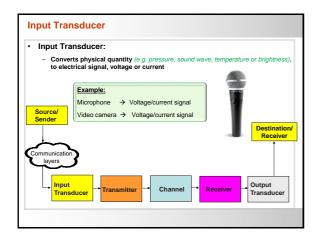


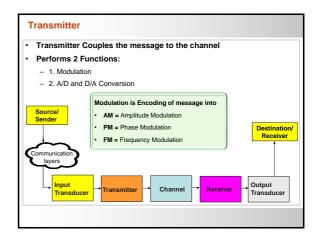


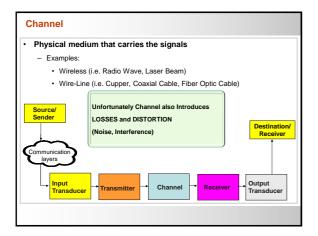


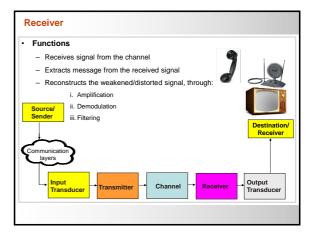


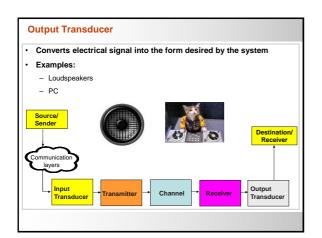




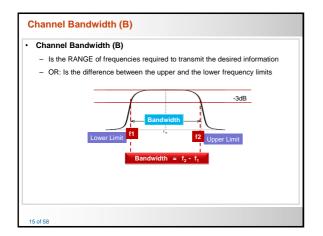


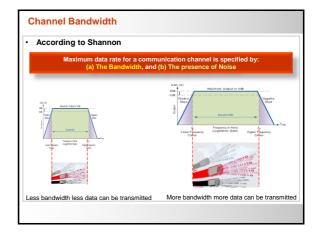




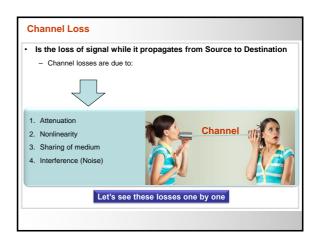


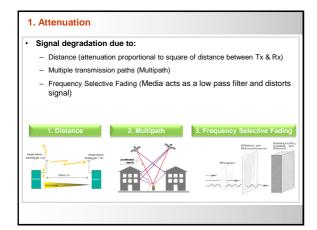


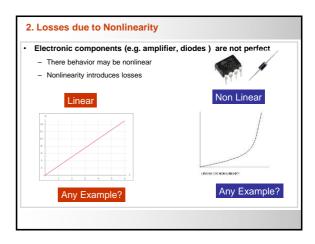


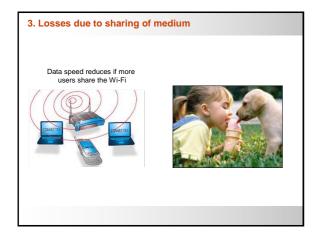


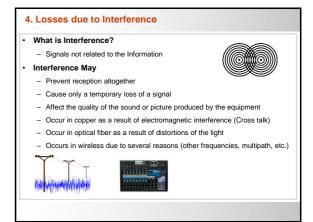


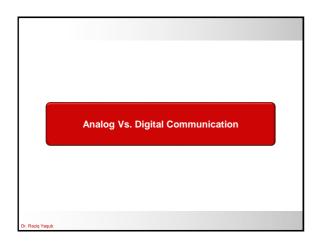


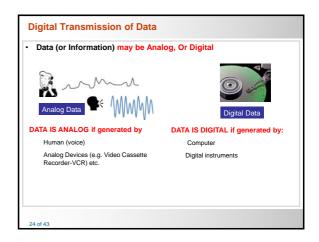


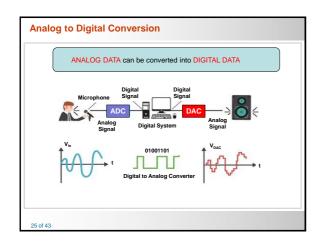


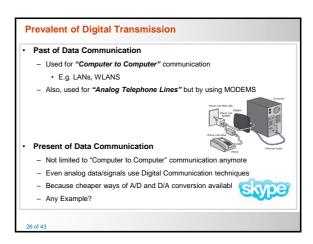




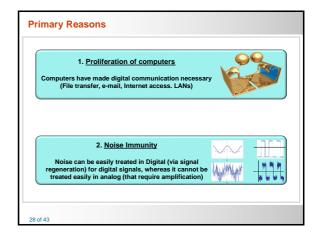


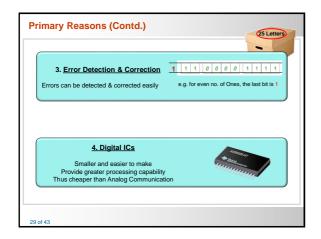


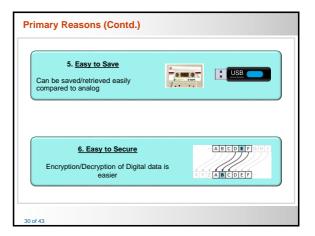


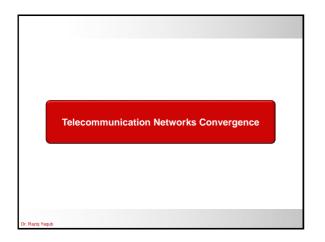




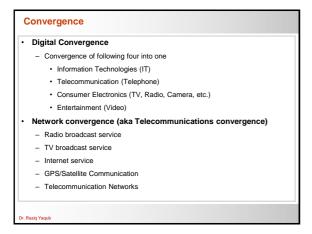


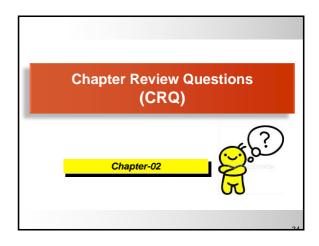












Input Transducer is a device that A. Converts variations in a physical quantity, such as pressure or brightness, into an electrical signal B. Converts variations in a physical quantity, such as pressure or brightness, into Noise C. Converts electrical signal into EMF (Electro-Motive Force) D. None of above

CRQ #2	
٠	Pick the most accurate statement
•	Any Telecommunication Network is composed of:
	A. At least 3 KEY blocks i.e., (Transmitter, Channel, and Receiver)
	B. 3 fundamental components i.e., (Frequency, Attenuation, and Wavelength)
	C. Simplex, Duplex, and Half Duplex
	D. Both A and B

Some of the Channel Losses are A. Application Layer Losses B. Attenuation loss, logical loss, and multiplexing loss C. Loss due to Propagation, Loss due to nonlinearity and Loss due to noise D. Paging loss, time loss, Error Correction Loss

Pick the correct statement A. Simplex is defined as simple way of communication as voice in GSM system B. Full Duplex is defined as two way authentication (i.e. networks authenticates the user and user authenticates the network) C. Half Duplex is defined as half way communication (e.g. from mobile to base station only) D. None of above is correct

Main functions of a receiver are A. Amplification, Demodulation, Filtering B. Attenuation, Modulation, multiplexing C. Handover, enhancing QoS, and enhancing security D. None of above

