

(i) Pulse Modulation: Formatting seguits in bits which has no physical supersentation mathematical only). Fg: R2, NR2 (Return to you, Non state) to yero). The step is common for wind and winders comme systems. It is called pulse modulation because voltage applitude is assighed some value? ligital Signal Processing. MODEM / Detect: · Medulation / Demodulation. Otthogoral bois further " Why modulate? is used for posting bits? · Pack bits and give hearing. " and type of modulation? · Productive modulation (root papers randays). 5: ·8-PST, M-PAM (M=214, n= what bits). · Increased data rate (processing of more bits at some time). · Notice the physical value. W Syndronization: · What and why Sync? - Network / Surie, Tx /Ax, Blacks. - lost ifo, estateous message. · Radio Frequency · Radia Frequency / Microwave used interchargesty. · Radio regions to strong / High Franchy (HF) portion of the communication system. · Also high - power postion of the communication system. · multi - user support / User separation. · Court. Regulations. Higher BN / data sate application. · Automa dosign. · AF system is blu boseband and on automa + air interpore. (XMT, ACV). High level AT Block Diagram > Of- Processing Down - Processing Processing · Processing Paralysis is beeg. domain. · they functions - applipation (high power Now house), buttony, suntiling.

Reiphroid: One satisfy can traight sig ENNA Lga, puspose, property. "IEEE defor: A nears for radiating or receiving ratio waves. · Revice to starget "direct' En signals brown hardware to air of Dutto Magnetic waves and vice - VERRA. BB-TX PRX, AF-TX PX, Anterna - TX PX (seiprosty theorems). Mostly presive dovie, shape is the prey. Artana Bogique An satery is a device which · Antorra Types directs Em Righal from boadhone · Wire, aportuse, assay, squitor, patch. to six interface sed vice - voses. Antona Shapes the lave a lot of boodon in designing the other blocks. But sharely can't be engisored. · Wat is a " wireless should "? · Air istorface. (Radie wars with peg. > 24 Hz). · We of Sight (LOS) communication. 5 GPS, Satellite, Infraesd. Collular sere met LOS. Mutti path advaitage. · Non- live of Sight (NLOT). · popletor, differentiar and peretection. · Cellular [wife tech tubes odvartage of NLOS waves. " overcome in OFDMA (46,56, vidi). NFC- Near Field Communications. · hi - Fi is the most suitable for high - speed data towager between devices within Cow Assor state is a pay sequirement of a good communication system. · Muttiplocing communication eyetern allows curuttaneous toansmission of multiple signals on the some chand. · Half-duploc is the communication made in which the data can be sent in both directors but not at the same time. · Etheret is Not a winders communication technology. · Agital Communication System is less susceptible the roise and Sixtertoir. NFC windless technology is commonly used for contactless payments and ough controls. · Telephone call is an example of fully duplex communication. is an example of an aralog communication system. · Ste Satellite TV A transmitte converts information with Em signals. When a signal losses steerigth as it travels theorgh a hedium is called

· JAM is a digital modulated scheme. · REID (Radie Fragmency I dentification) uses NFC wisdess technology.

The chard is seeponsible for corrying the signal from the transmitted to the · Los sed NLOS both see common modes of chand behavior in cellular communication.

· Sampling is a step in converting analog signals vite digital both. · 65 m (Global System for mobile Communications) is the earliest vireless technology wed is collular communication.