Moving (bits) from one end to other in order to commun. politionation community with all clim full Duplex & Simplex one directions romal halded directions sput at answergest interconnect computer: RJ45 post cables & fibre Cables Data Layer : 7 MAC Address: - (Media Access Control) attached to GLOBALLY UNI BUE identifier an [INDIVIDUAL NETWORK INTERFA (physical Device) Motoral Switch : Modern Hub. 48-bit number 6 groupings of 2 Hexa-decimal numbers. first 24 bits - Organizational Unique Identifier Home at the pole > 1 (Tuo) tracted where the wilde ham aft therions deriona record at the desired state of with

Ethernet uses MAC addresses to ensure Sender & data sent has information of Receiver. Unicast: - (One Sender, One Reciever.) Multicast: - (One Sender, multiple Recievers) Broad Cast: - (I Sender, all Receivers) A highly structured collection of information Ethernet Frame: a specific order. Sic Mac address (Blytes) . (325.0) . (326-FCS Payload 0-1500 bytes Ether # pestination (2 bytes) (protocols) Cyclical Redundancy Check Protocol: - Ethernet, wifi Data Unit :- Frames MAC Address.