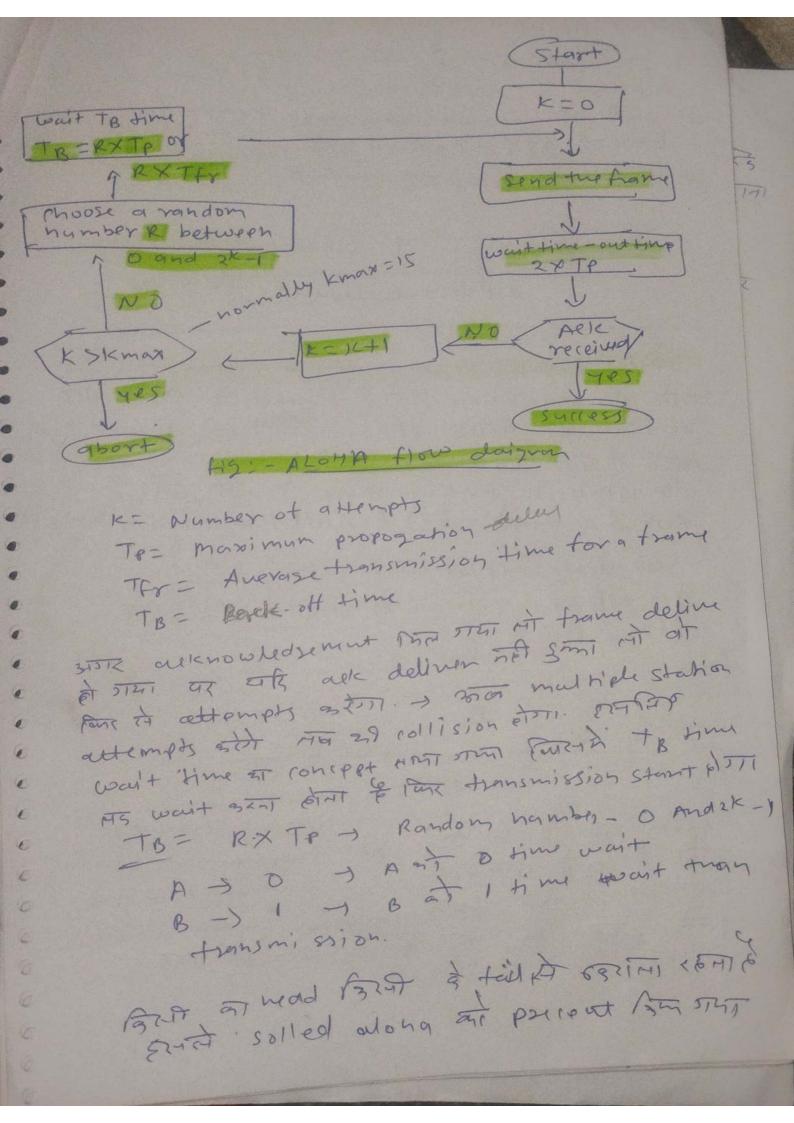
UNIT-III Data linic layon logical line (cc) media access rontal (MAC) 1 (1) Media alless control when nodes or stations are connected and use a common link, we need to a multiple-access Proto(0) to 100rdinate access to the link many Protocols have been devised to handle access to a shared linic. multiple-access protolols channelization Roydom controlled alless arress protocols protocols protorols -FDMA +) Along 1 Reservation H CSMA - Polling L (SMA/(D + CDMA - (smA/CA L Tolcon passing Terminology O Propogation delay TP = Distance / propogations

Speed

A A BAS WITS & WITT

A BAS WITTS & WITT 32 Parket ont Transmission oday (TT) of Later time out air Time sonder to recepter TT = length / bandwidth

Desirior and than El star egy and start El @ But al june att not down across mangenit कर लड़ता है। जिल्ले (बाडिंडिंग की लड़ता है) J'I SI Kundon of the Justion gent of Brand of busys an tre station doit the medium is What can the stubion doit the medium, is trow ran tru stabion determine tru surress or teilure of trutemsmi, 851 or,? Dahat can the station do it there is any access, conthit, 7 (DALOLA Dearliest random - arress method , was developed at the university of howari around 1970. D wirdest transmission medium (Radio) a with a Rig LAN onthis of Park develop Bull TIZIT WIT (3) Original A KOHA Protosol is called pure ALOMA. sund station & area frame A HOW AS WELL THE STATE OF STATE CONTISSION



Stolled ALOHA D sund and from & Lat transmission of fixed duration of stat d' divide tot l'arm & @ 2129 797 frames randomly transmit Ast किया हो उद्देश की ध्याना नहीं। (3) Fords efficiency on with the Pune Along | Solled along eitternie youtube to 3,2601 Compa ( corrier sense multiple press) stati aft randomness stat & fromes & for des PS FROM ST GETTA 1291 WITH & tonsmitting करमें से पहले एड कार आरे - निर् हेक लें, भी बुद्रा, transmission median busy At AFT STR F AT PROPERTY AND SUNDER PROPERTY (wired transmission town) D voltage level mede ment than & उत्तरों भी data Collision के समाता है एउस कर chance stant 2 min A -datasen 12:05(B) 12.031() Styd daty ser capi a in 3201 of fron smission medium cht sinsi of transmission medien 201019 उत्तरे त्रेण दिन नहीं नर 10/11 5/04 हो गया

The wheet should a station is busy a wheat should a station don't the mannel is idle .? Three methods have been o DI- persistent method (2) Non-persistent method (3) P-persistent method. DI-perssistent of Stan Ion line of wheek state of idle (3) Non-persistent nethod) ps randon time HS walt out for idle & at transmit set per B) P- Persistent > P= 2 ats MI29 P5 fix time st 2) 5H time H5 wait act lake & At transmit

st and At wait act bubbbl J sommit ( Sing of assistant) I stat at mix & randomaly heek sin idle Smith PA GE Stution ST wait time timed ZGMI & 3ATS 8132 & A transmit

मा भी single bit error ही अडमा है या भी उर्ड बडांस @ f. enter the end & correct brush exty &. game à bion Hamming distante al Hut et missass a ilina, lungty same that 37 bin at rount and & wand changes smith O pavity merk (singu) ps bit mg merk st (49M) E) Natquere 1 1 -1 + ration bit parity Bit Codeworg odd, even panity ti no. of 1's pron number stat wifer 0.01111) 3/19/ m om sit & DO 00110-> An FI west 00110 - it ship at an Amy receive side à 01110 à cifair det 1 cour दोगा पहेरी उसे जो की नहें होगा जारिक भी दें distand et assissi Aus dinentioned & 351't detect a set warm

e bit detect, I bit correct of Litari) & of hamming lock ( detertion + porrection) The = 2r - r-1 1 + r = (n)

daserword radiadry rockword >=3, K=4 hit at data alumn }, rodewar = 7 K= 27-7-1 = 2 = 28-2-1 = 1 = 4-2-1=1 D-23-3-1 = 8-4-95; At 3 44 55 parity adds to 5 कार क्षेत्र रेजा. (3) 7 6 5 4 3 2 1 1 1 0 0 1 1 0 0 odd az nerk 7 6 5 4 1 3 2 1

(RC ) lythe Redundary there dataward. === 2 reminder divison avisa 1011 ] 1001000 23 augmented. dataword. Etwernets 802.3 / 1500 byte with - 802.11 connerionless, unrealiable. 802.47 Bus network. ·s -> sing,