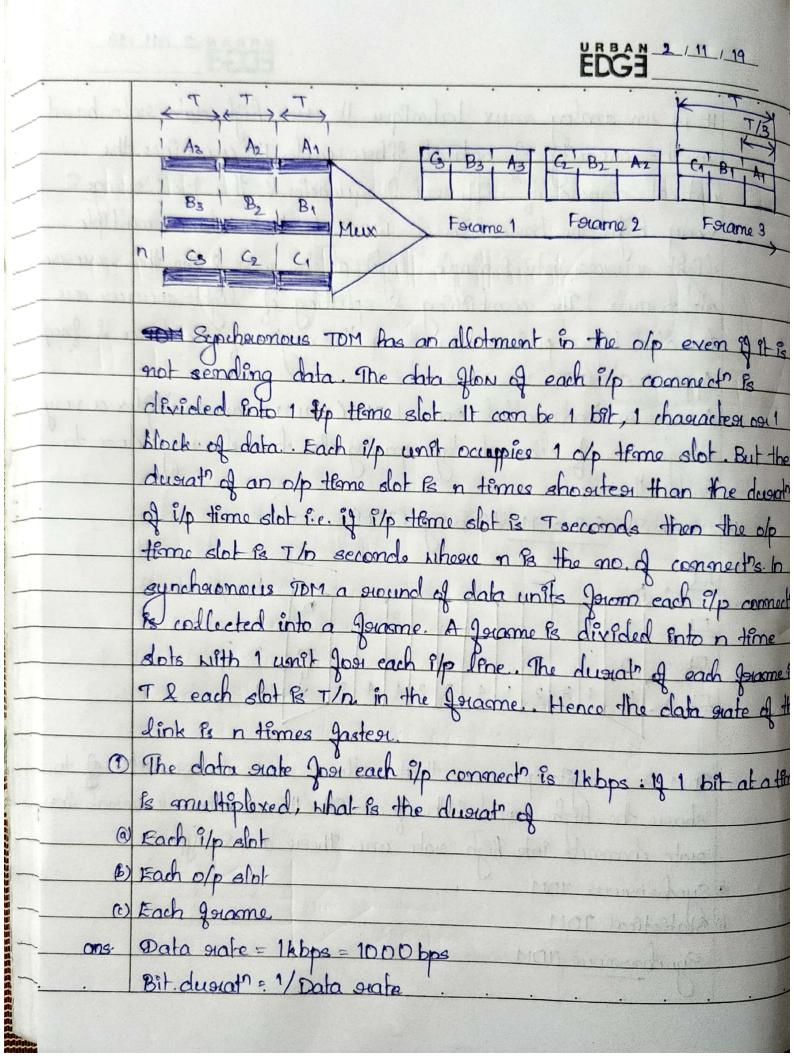
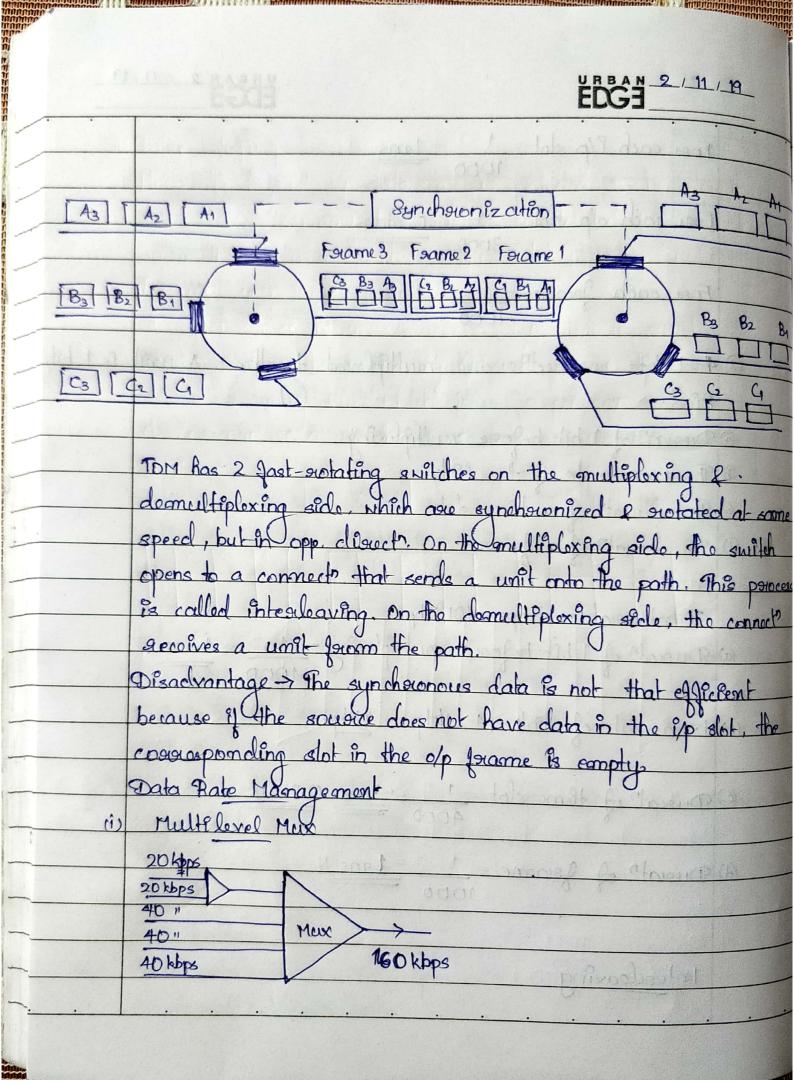


It is an among mux technique. It uses high data rate based on the capacity of optical Jeboro cable. It combines the aptical signals of different proquencies & the Jacq sange is light sousces into 1 single light at the mux & do the serverse all demux. The combining & splitting of light sources one handled by a paison based on the angle of includence & Jouque A new method called Dense NDM (DND1) can multiplex a very lagge no. of channels by spacing the channels very close to (iii) Pême Division Multiplexing (TDM) Tom is a digital perocess that allows several connects & to shape the Algh bandwidth of a link It combines several low state chammels into high state one. These are 2 types: & Syndramous TDM (b) Statistical TDM Syncholomous TDM





(B) Multiple Slot- Mux SOKEPS A 25 kbps 11 25 hbps 10 25 kbps (10) Pulse Shuffing 50 kbps 46 hbps Pulse shifting 50kbps Data to To handle disposity in the i/p data scate, 3 stocategies and used! extrultorel Multiplexing It is used when the data state of an ilp line is a smultiple of others.

Any 2 ilp lines can be smultiplexed together to posts percovide a data sinke equal to otheris in Multiple Stat Allocato Hear, emous than I slot is resigned in a Journe Jose a single i/p line. A downex is used in the line to make 2 i/ps out of 1.

EDGE 1 11 19

Heave, the Alghost i/p data state is selected as the dominant data state & clummy bits agre added to the ip lines with love states. This is called as bit stuffing / bit padding / pulse stuffing. Farame Syncholonizing To synchalonere the mux & demux, I por mose synchonerate be ealled graming bits, which follow a pattern so that the demiex can separate the time dots accusuately Synchoionizato Palteoin