CSE-320
Assignment-3
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See: 08

Ans: to: que: no: 2

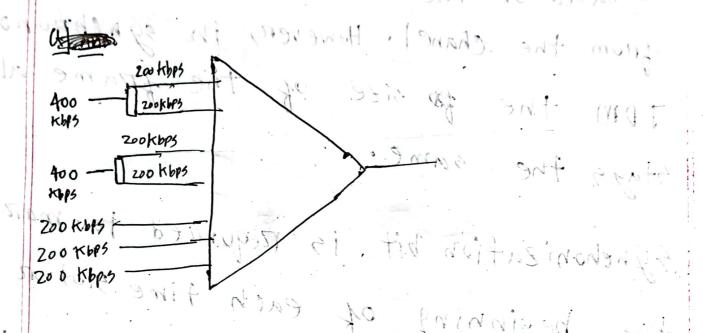
Required bandwidth = $76 \times 10^3 \times 20 + 500 \times 19$ = 1529500

Ans: to: que no: 2+1

In statistical TDM time slots are allocated in frames when they have the input channels have data to transmit. On the other hand in synchronous TDM every channel has fixed alocated time slots in the output grame. Moreover,

in statistical TDM size of the frame vary an based on the transmission it is receiving from the chanel. However, in synchronous Tom the posize of the frame always Stays the same. Synchonization bit is raggined to march the beginning of each time slot on & mare. This bit is required for the receiver to identity the start of a new time 510+ and accurately demolatiplex the incoming data strems.

Ans: to: que: no: 3 tit



ESIM ENVILLE

d] input
$$5lot$$
 duration = $\frac{2}{200 \times 10^3}$ we know, $\frac{2}{200 \times 10^3}$ sec \longrightarrow 1 Frame \therefore 1 sec \longrightarrow $\frac{200 \times 10^3}{2}$.11 \therefore Frame Rate = 100000 FPS

Ans: to: que: no: 4

