

an) Given freq = 1 MHZ

T= 1 4Sec

for T = 0.2 mgec = 0.2x10-3

palses =  $\frac{0.2 \times 10^{-3}}{1 \times 10^{-6}}$  = 200 pulses -

pulses = 200 - 18 = 188

and change occurred at 16 pulses

16) 188(11)

16

28

16

16

17

16)200(12

16

40

32

count-A=8

decimal = 7

8 clock Pulses

counter B

Pulses = 200-12=185

change occurred at

16 pulses

(3) Prequency BO is = 14HZ = 0.5HHZ.