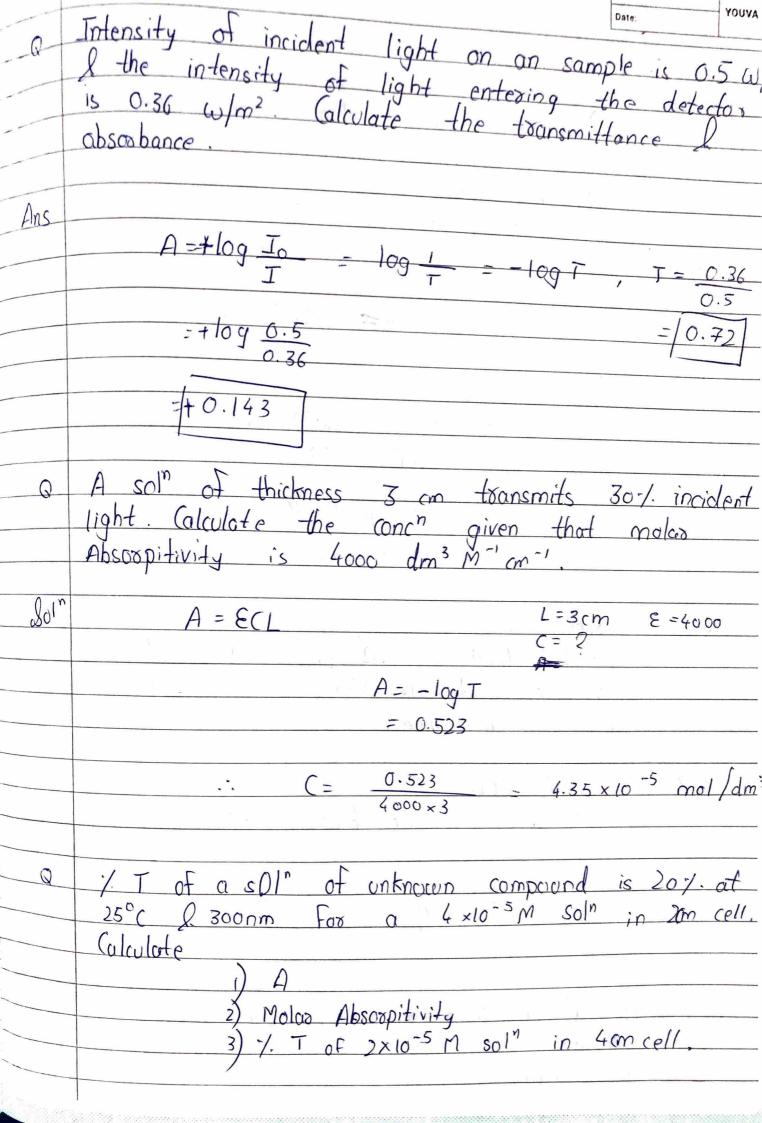
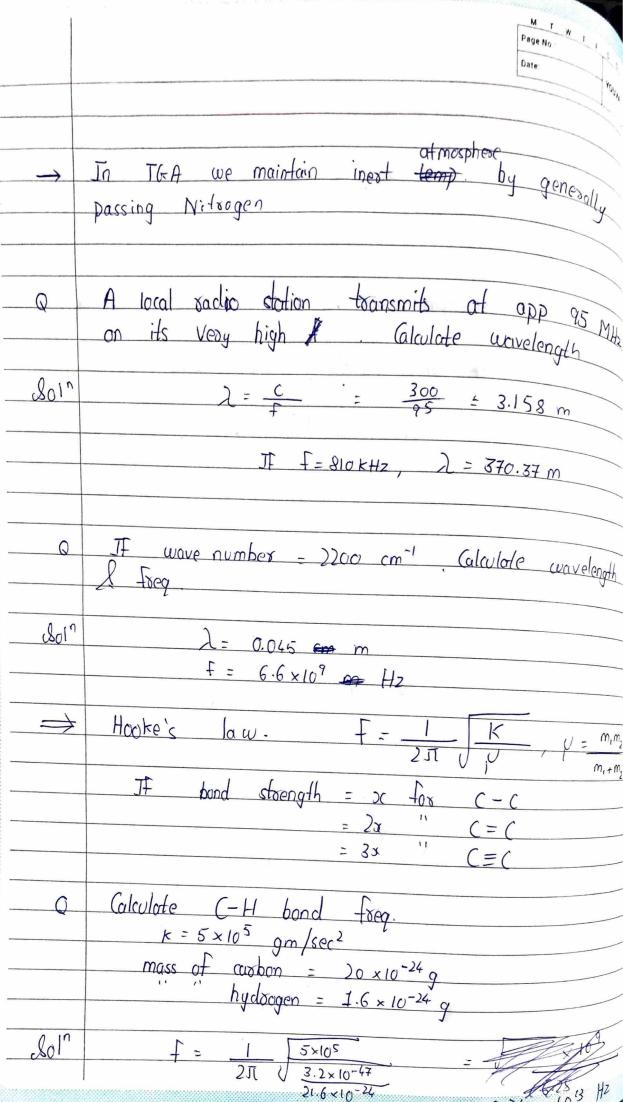
	Att
<u>→</u>	Numericals
Q	Solution of thicknesss 1 cm, molar absorptivity to
1 10	concentration.  * Epsilon (molor Apsurptivity)  pathlength
	Lambert's law: -A=ECL > poth length  Molas phivity: > (oncentration  Pathlength L = Icm  Epsilon & = 40.9
	cpsion C
	A= ECL : 0.111 = 40.9 × C × I
	$c = 2.71 \times 10^{-3}$
Q	0.25 M sol <sup>n</sup> , pathlength = 1 cm, absorbance = 0.07 at 560 nm. (alculate
- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	1) Molar Absorptivity of sol? 2) Absorpance if the conc <sup>n</sup> is 0.65 M 3) Concentration if absorbance is 0.450.
1	3) Concentration it absorbance is 0.450.
2017	i) A = ECL
	$0.075 = 8 \times 0.25 \times 1$
-	$E = 0.3 \text{ M}^{-1} \text{ cm}^{-1}$ $\hookrightarrow \text{I} + \text{is same for sol}^n$
	$= 0.3 \times 0.65 \times 1$
	· = - 0.195
	3) $A = \mathcal{E}CL$
	$A = 0.45 = 0.3 \times C \times 7$
	:. C = 1.5 M



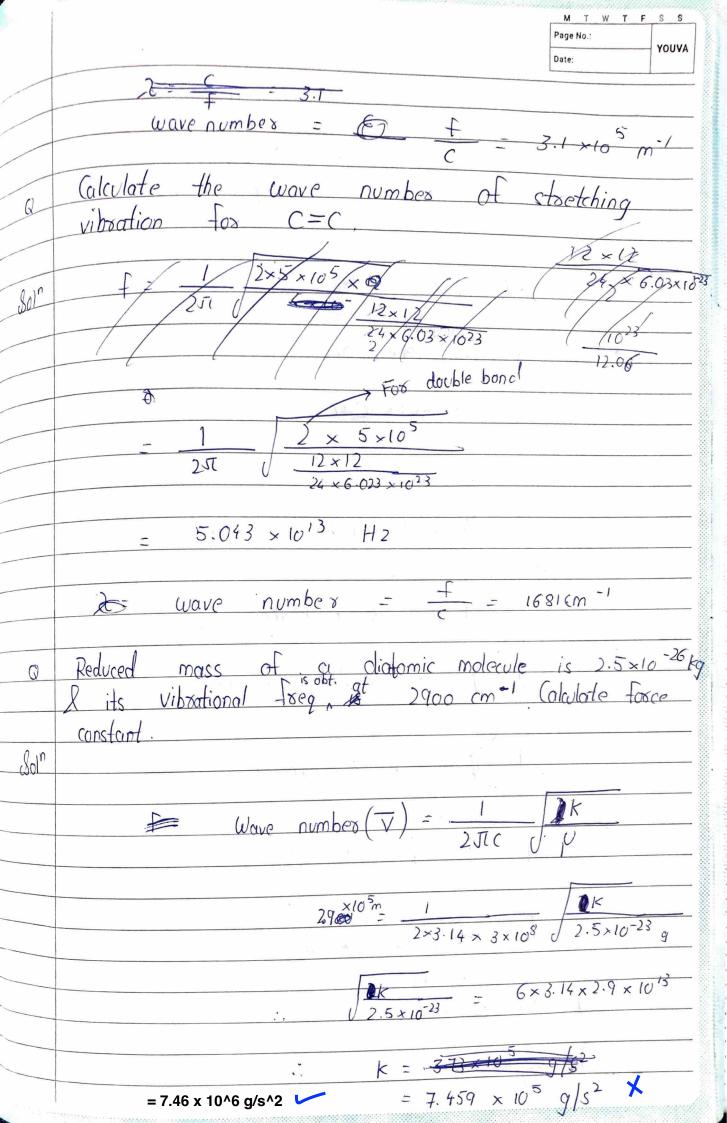
$$A = \{c\}$$

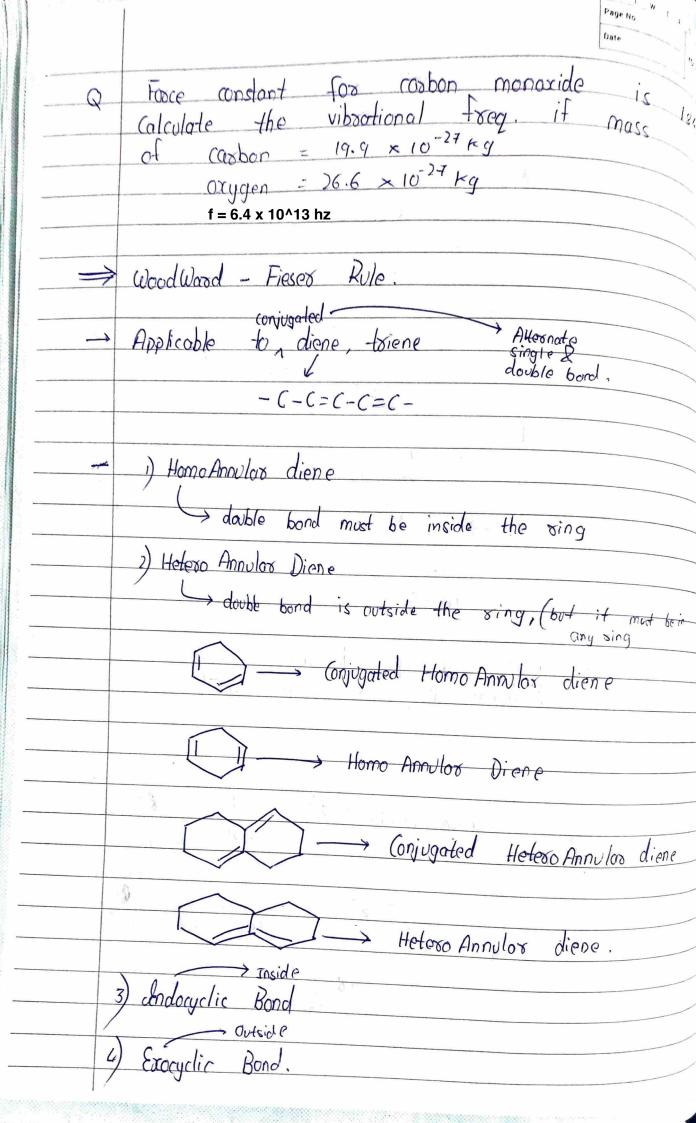
$$A =$$

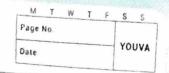
	M T W 1	T F S S
	Page No.:	YOUVA
	Date:	
A = CC1		
Sop A = ECL		
$C = \frac{A}{-\log 0.4}$	,	10.10-5
EL 4000 x 4		.49×10 <sup>-5</sup> mol/dm <sup>2</sup>
4000 X 4	-	mol/dm
> U-V Spectoophotometes. (spectoometer)		
at amo	ound.	
-> To measure the spectoum of comp		
-> In reference curett obsorbance is O.		
G device		

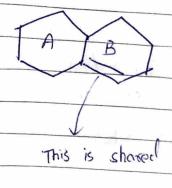


= 9.24 × 103 Hz



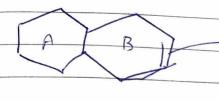




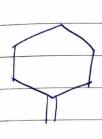


this bond is endocyclic bond.

for sing A we can say that the bond is exocyclic bond

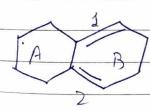


Bond is not shared, so we cannot say exo to any sing, but for sing Bit is Endo



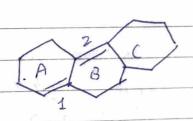
A B

Not Home not Hoteso Heteso  $A \rightarrow \&xo + o \text{ nothing}$   $B \rightarrow \&xo + o P$   $A, B \rightarrow &xo + o P$ 



Homo

Endo Bonds -> 2 (Count)
Endo Bonds -> 2 (Count)
Bond 1 -> Endo to A
Bond 2 -> Exo to A



Hetero

Bond 2 -> Exo to B Bond 2 -> Exo to A, C

