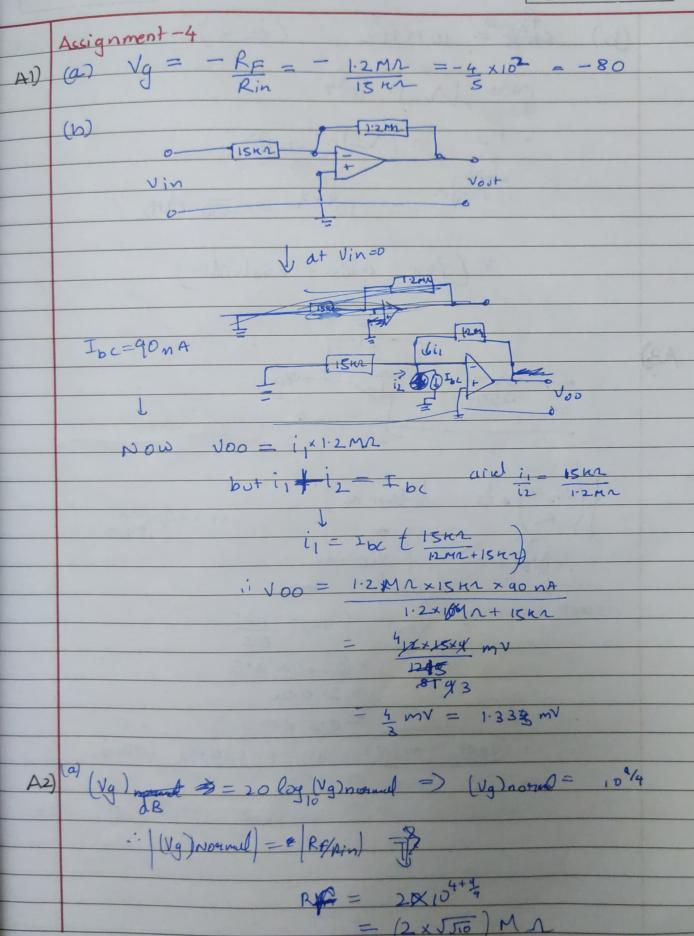
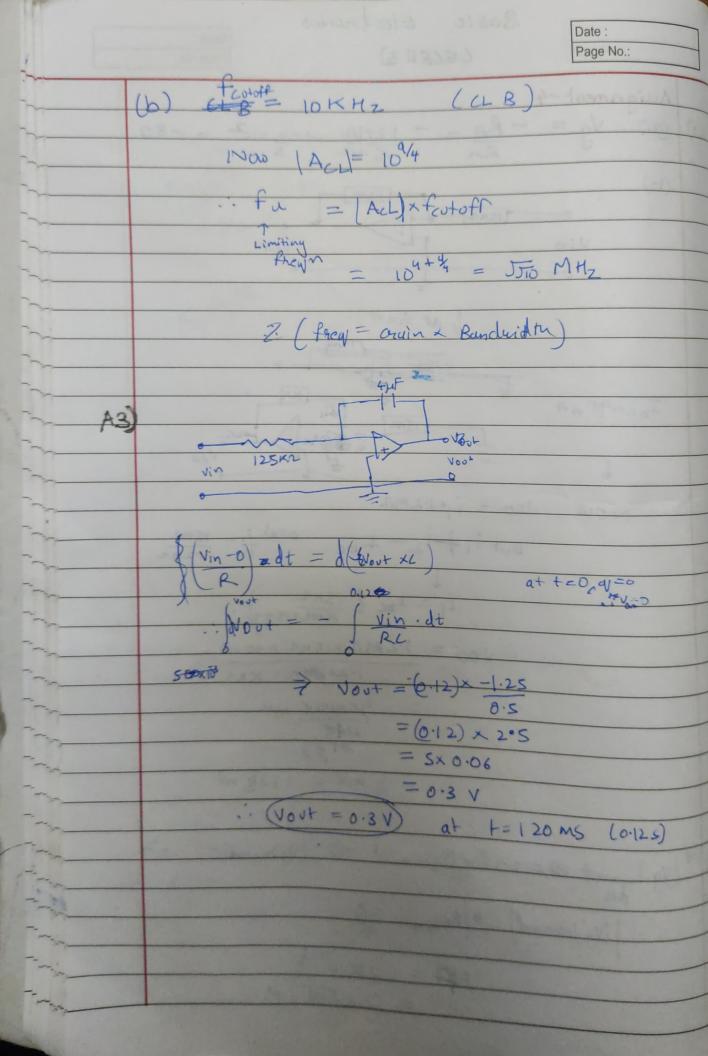
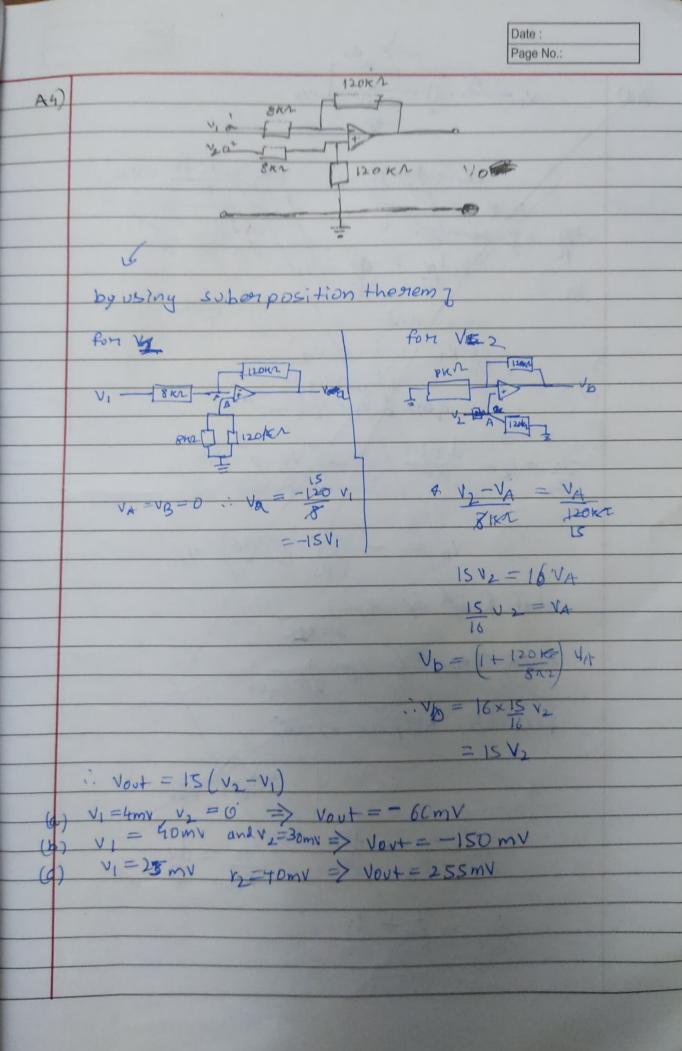
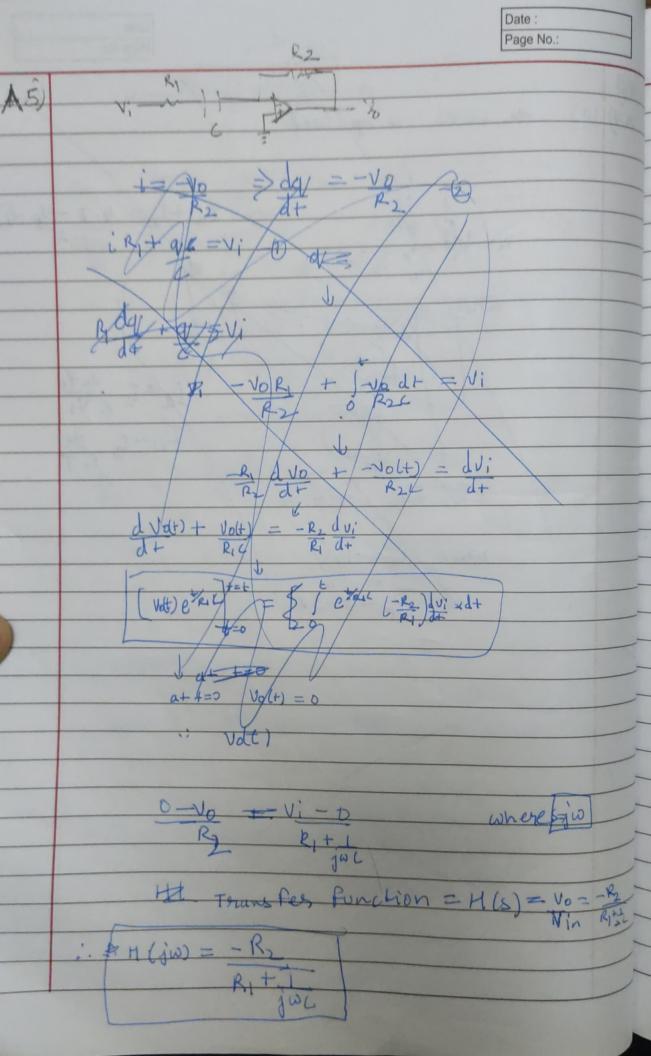
Basic Electronics CECEII3)

Date :
Page No.:









	Date:
	Page No.:
at w >00 (High freyn)	
$v_2 = -R_2$	
$V_0 = -R_2$ $V_1 = R_1$	
at a ritical frequency I	
(Vo) = (Vo) Vi) 20	
_R2 = -R2	
RI + Jac RI JZ	
$R_1 + \frac{1}{1} = R_1 J_2$ $ R_1 + \frac{1}{1}wc = R_1 J_2 ^2$	
Party Party	2000
$ R_1 + I_{\text{mel}} = R_1 J_2 ^2$	
R1 (wz) = 2 R12	
1 (6)27	
I = W L	
J. A	12 h 1~ 2
PC= I	10 by 12 3d
16 27 RG	
(Va) - 22 10 560 10 10 10 10 10)
(Vg) = 20dB => R2 = 10 (2/0=2/0log	110(4)
0	
L'IN- ICI	
, TR, = 1KN	
· R2 = 10KM	
$f_{\epsilon} = 1$	
2TT LORAZ	等 x p
the go cincuit for given po	viameters because
Vi No SOME IT	loter
NO VI THE THE	Vo
TO LOCATE WITH THE PARTY OF THE	VO
Now the unity guty bund width	

Now the unity gain bandwidth I

$$\frac{1}{R_1 + 1}$$

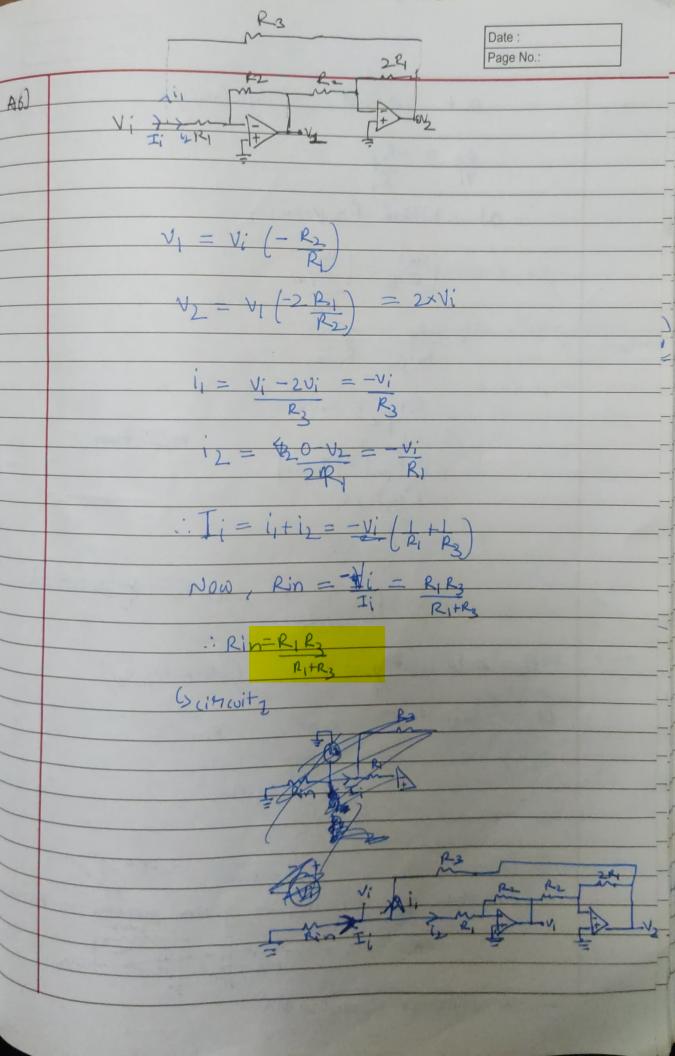
$$R_2^2 = R_1^2 + \frac{1}{2}$$

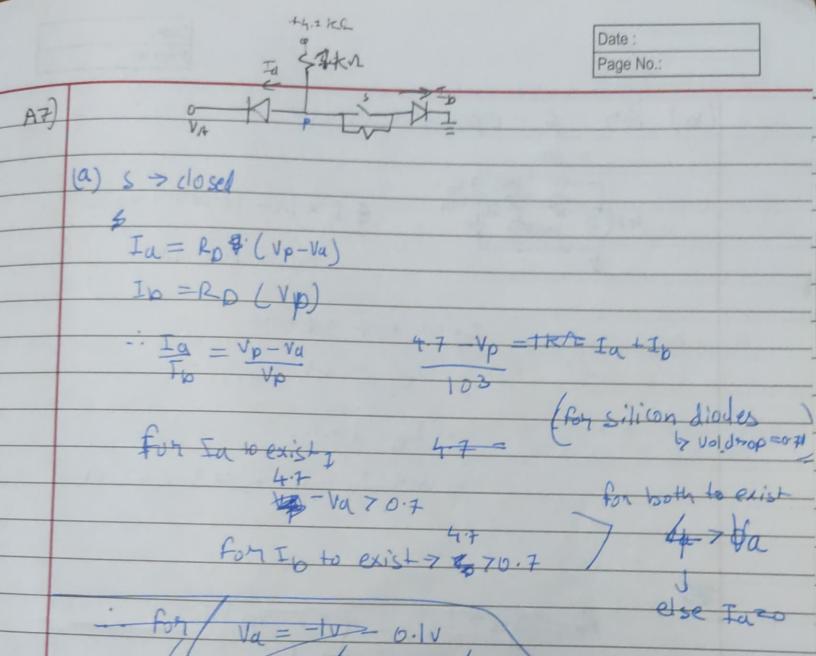
$$R \quad \omega^2 C^2 = L$$

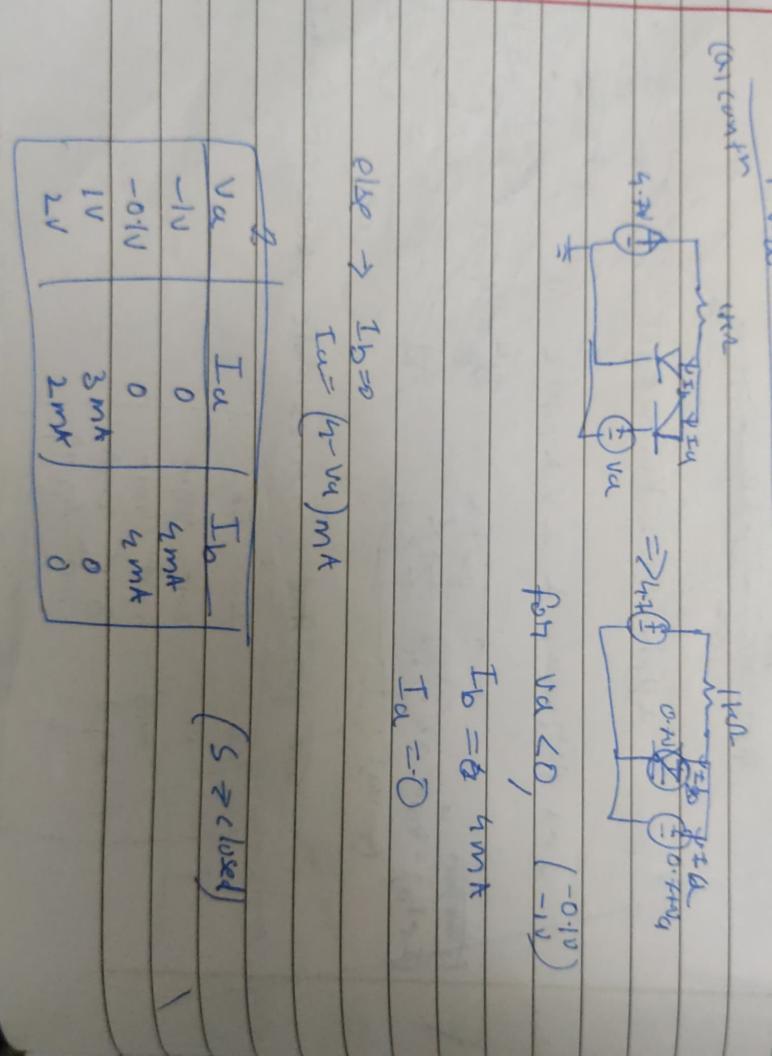
$$R^2 - R$$

J

$$f_0 = \frac{1}{2\pi \left(\int R_2^2 - R_1^2 \right)}$$







(b) for 西 5 - opened & vo = IV Date: Page No.:

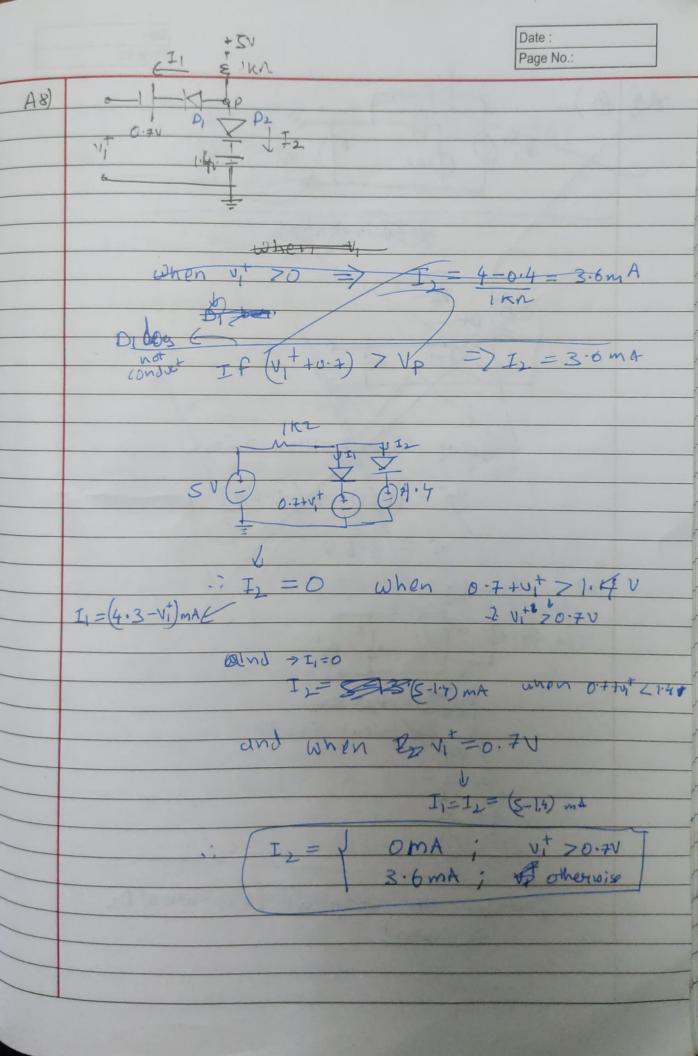
12x1K1 +0+ - 1+0+

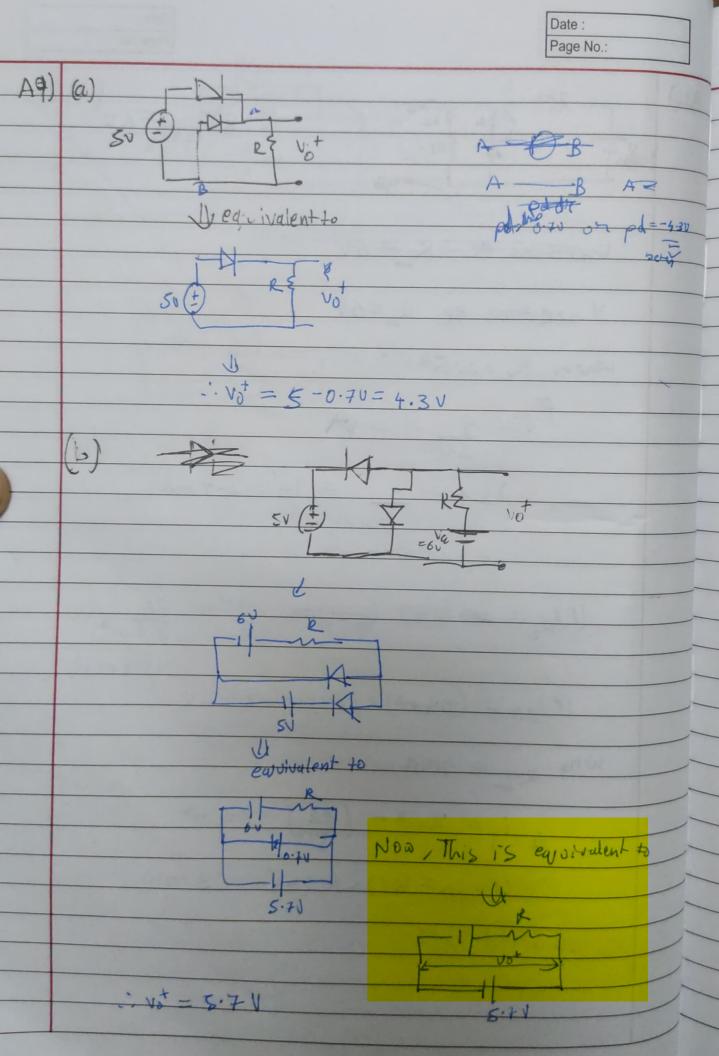
見 I, x | K1 +0. +1 V = 4. IV

1, = K 3 mA

In = 1 mA

Und Iu= 11- I = 3 7 = 2 mA





	Page No.:
A10) 2hr. i	10/194
A10) 2hr. VII VII	$BV_{2D}=6V$
Offine T A PRI.	-
The state of the s	
Vaccoross He R = 6V	-
Vaccios C N OV	THE STATE OF THE S
Vactinoss the Ry=6V	
when R=2.5hr	
g .	
i = 4 = 2m	
$I_2 \times = 6 = 12$	= 2.7m
$I_1 = -0.4 \text{ mA}$	
(P) = 25 (24) (25)M	V2 = 36
12	
	= 14.4 m W
(P) 20 = (0.4 mA) x (6V) =	-2.4 mV
Who = 4KA	
Why RL = 4KR	
4 i = 2mA - (83)	= 0.5 mA
: (P) 2D = (6V) x (0.5 mH	=3mW

Date