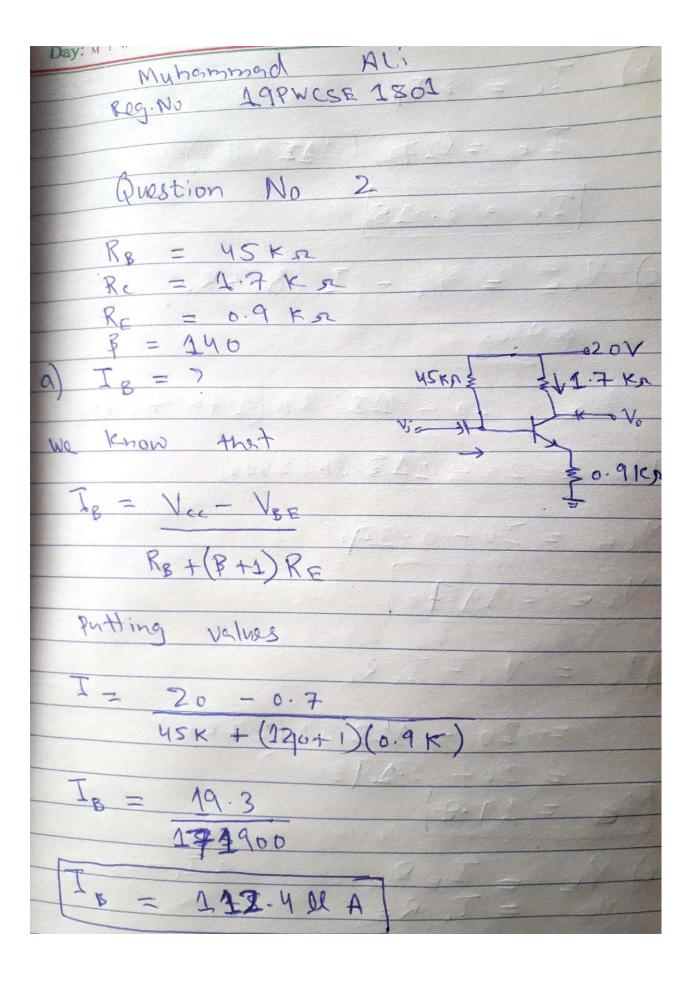
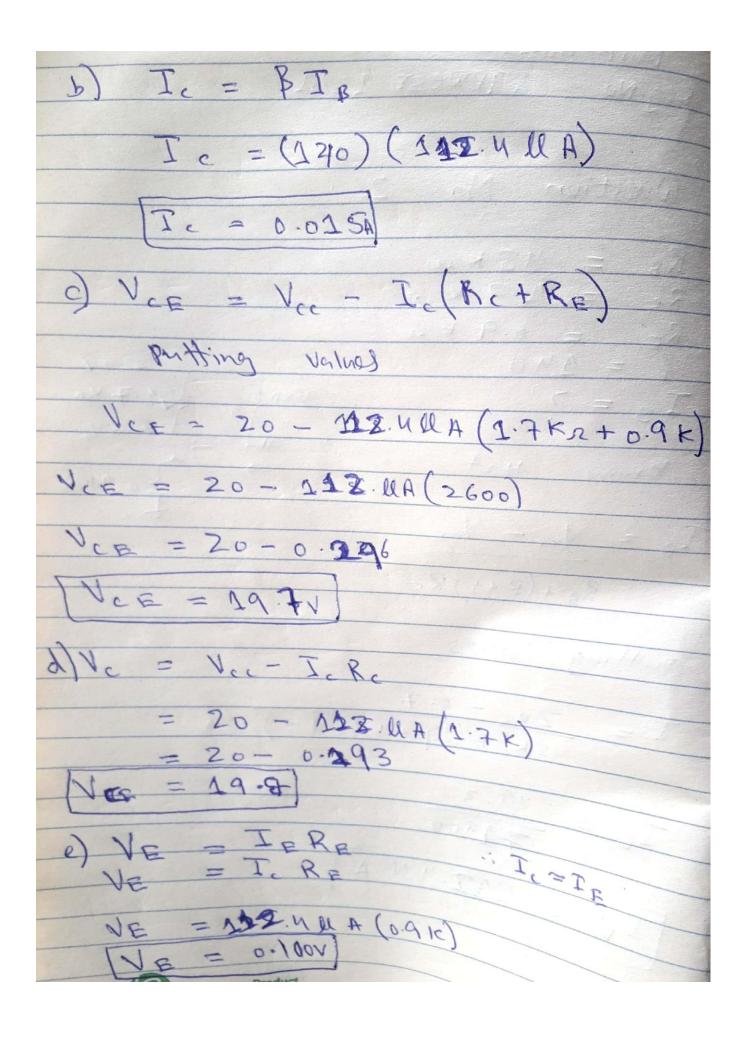
Question No 1
Solution: -  IR = 40UA
18 - 400 A
And, given in figure
VCR = HV
a) Pac med Ic
In
We have to Find Ir = Vec
but Ic = IR = oymA R
Pdc = 4mA
Thomas 40 MA Indian said
Pdc = 0.1 x 403
) Fdc = 100 1111
de = Ic = 4m A 2 10.99
$\frac{\overline{I}_{E}}{\overline{I}_{E}} = \frac{\overline{I}_{Am} + 2}{\overline{I}_{Am} + 2} = 0.99$
LE Vim t)
C) IE = O. O. O. I.
= 0.004 A





Question No 3
是一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个
$R_B = O_A$
Re = 2 n # 1
RE = 352
a) $\gamma_e = 26 \mathrm{mV}$
I E I TO THE SAME THE SAME
we first find IE
$T_{\epsilon} = (P+1)T_{\beta}$
$T_{E} = (120+1)(112 \times 10^{-6})$
TE = (141) (112×106)
$T_{E} = 0.015 A$
So.
1 re = 26 mV
D.0.15A
re= 1.65
re = 1.65 g
and the first th
5) 7:= 7
2; = R 11 01 . P ) - (2)
B   P(Yet MP) -> (A)
P(10+RE) = 140 (2.65 + 0.9 E)
= luo (901.65)

F(re+ RE) = 140 (901.65) B(re+RE) = 12623189 Put in eq D Z; = 45 Kn 1 126 KR US K2 ) (126 K52) 45 + 126) X103 33 Kx = Rc = 1.7 Ks = 10 Av = V2 = BRc 126K2 Vi (140) (1.7 KD) 126 KR =1.5555

