

1/p -> time const.

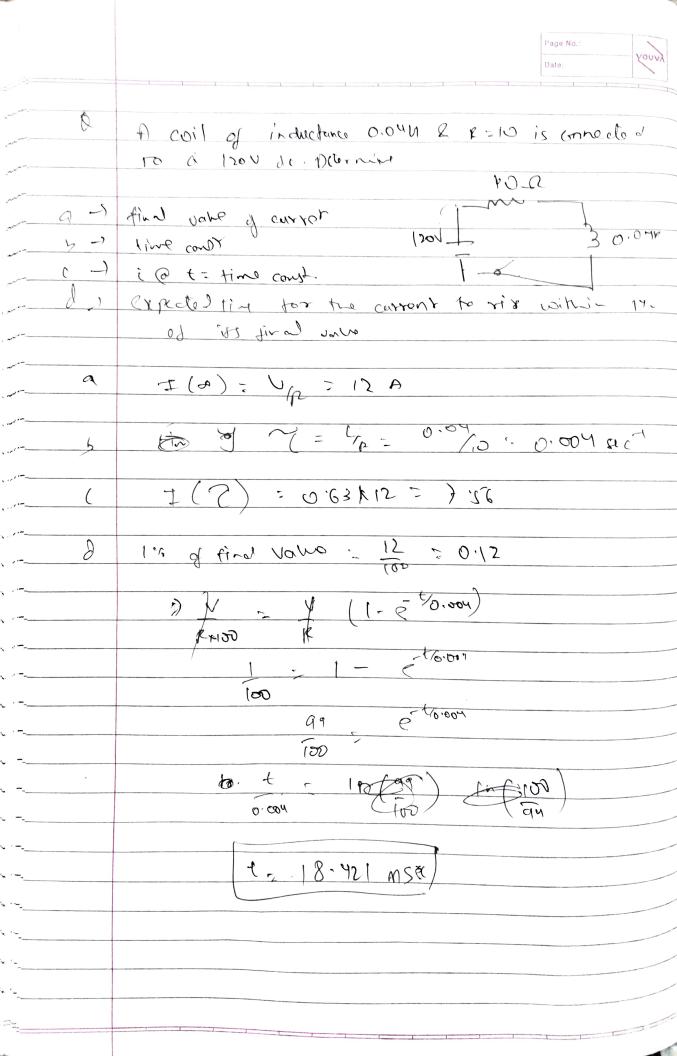
Wing i=0 @ f=0

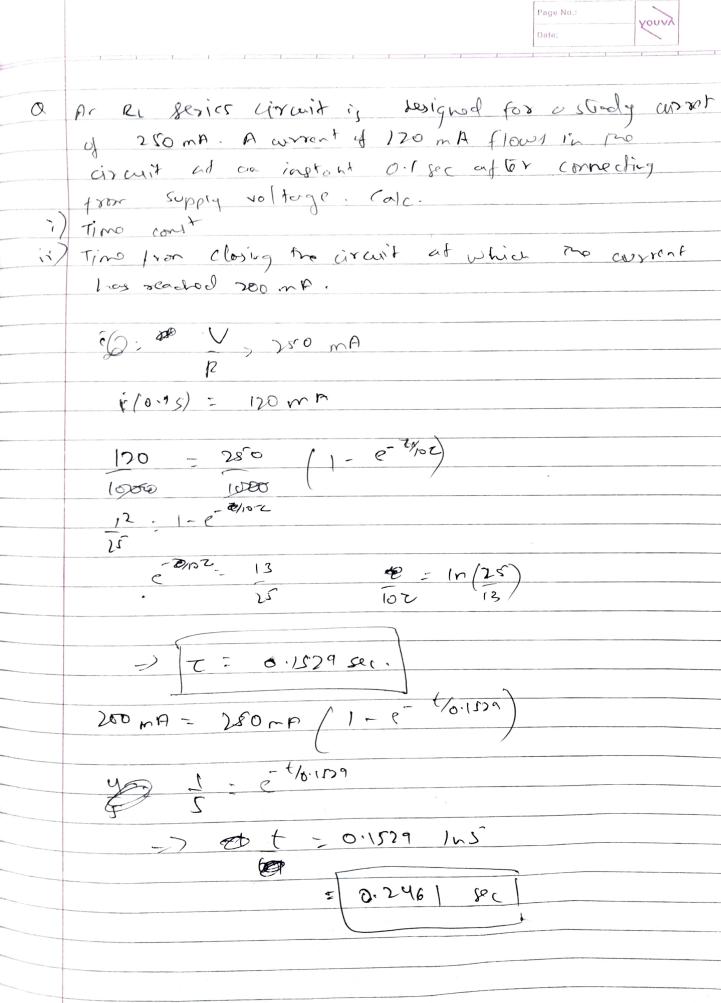
ild. V (1-e-t)

=) (i (t= ~) = /R

V_L(t) = L die = V x R x L P - 1/2 t z | Ve-F/ct

7) VR = i(1+) R





Page No.: Date: Decay of current in an Inductive Circuit V 1-= OT f=0-R (o) = 1/n i(0°)= 4/1 -in - Ldi - 0 iR # Ldi = 0 -) First arde & LDP yosticular = 0 (120) i(() = i(t) 5) DL+R=0 =) D=-P/ Din(t) - A e T i(E) = Ae-PL+ WA=V/R= i(e) = V = 1/2 t

