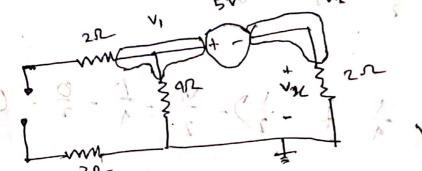


Now, with (1) P V Active,



1 V3= Ground

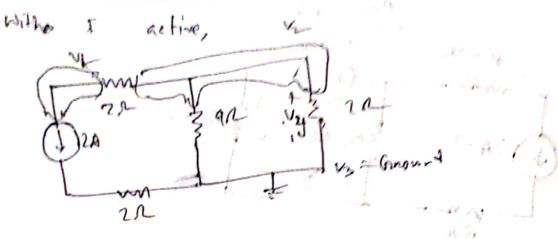
Here, 
$$V_2 = 5$$
 (1)

$$v_2(\frac{1}{2}) - \frac{0}{2} = 0 - (1)$$

V3 20

$$V_1 = 5$$
,  $V_2 = 0$ ,  $V_3 = 0$ 

 $V_{2} - V_{3} = 0.0$ 



Hono

$$v_{1} = \frac{-20}{3} v_{1}$$
,  $v_{2} = \frac{-8}{3} v_{2}$ 

Hono,

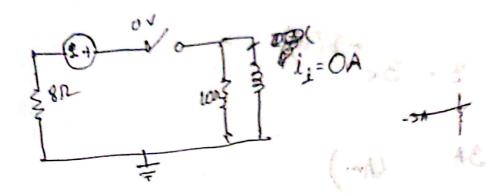
$$V_{0} = V_{2} - V_{3} \qquad \tilde{3} \qquad \tilde{3}$$

Vn + Vey 0 + -8 mil fratinos mil (i - 2.667 V (Am) second. Here for copper Heres D 9 - J ratachini rat has Sty

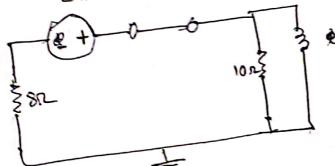
Am 10. 02 known as Transient eircuit and it's anil i) Time constant seconds. Here for capacitors, RX CA T = RC inductor, = L/R 15 3102 ii) 332 92 241 L=2H 多多几 1012 011

Now.

Initial Circuit,



OFinal Cincuit,



if = 34

-t/t Here, i(f) = if + (i; - if) e -t/0.2 = 3+ (0-3)e 3 a - 3

: At 10 to 10 ms

= 3A (Am)

17 -

H:

5.01t-

te - 50

8 - 68 =