Date: Day: MTWTFS t=0, $t=P_{8}$ t=5, $t=2P_{8}$ 1) t=?, $P=3P_{8}$ ii) +=?, P=up P = cekt 1P0-C) 2Po = Ce 5k 28 - P6 e 1m2 = 5k # = 1n2 17R = 0.138 3 Po = Po e 0.138t 1n3 0.138

t-3, P= 10,000 i) t=0, P= %? ii) t=10, P=? P=cekt 10,000 - ce 1010000 sesi stance inductance sessionance sessionance sessionance F(t)

at Tollag. 1 di + 10i + 12 2 dt xply by 2' di + 20i = 24)
alt J
p(x) (l(x) · jpuide Seot xply by IF li-c = [c20ix24

(1x e²⁰¹) di 40 K 20i Liezon 20 iezon e 20i di ie 201° ezoi ezoi ezoi 20 20×24 200° 010201 201 B=50, E(t)=50 501° 20 ezat + 20 200° 1 200 - 24+ 50

Date: Spl(yx) d (201;)= 24020i 220° = 249 e° +C ie = 6 20i 6 20i + C 5 e20i + c $i = \frac{6}{7} + ce^{20i}$ for i=0 \$ + CE C = 6 i(t) = 6

E(+)=30V L = 0.1 H Cim i=0 ? Edit Ri = Ett) 0 et di at + 501 = 30 di + 50 ! = 30 di + 500 i = 30 1.F = e Sp(x) = e = 5000 i e 500i = 30e500i i e 500i = 30 0 5000 500 -500 i $i = \frac{3p}{50p} + ce$ i = 0

Day: MIWTFS 3\$ -500° 50\$ t=i FOR