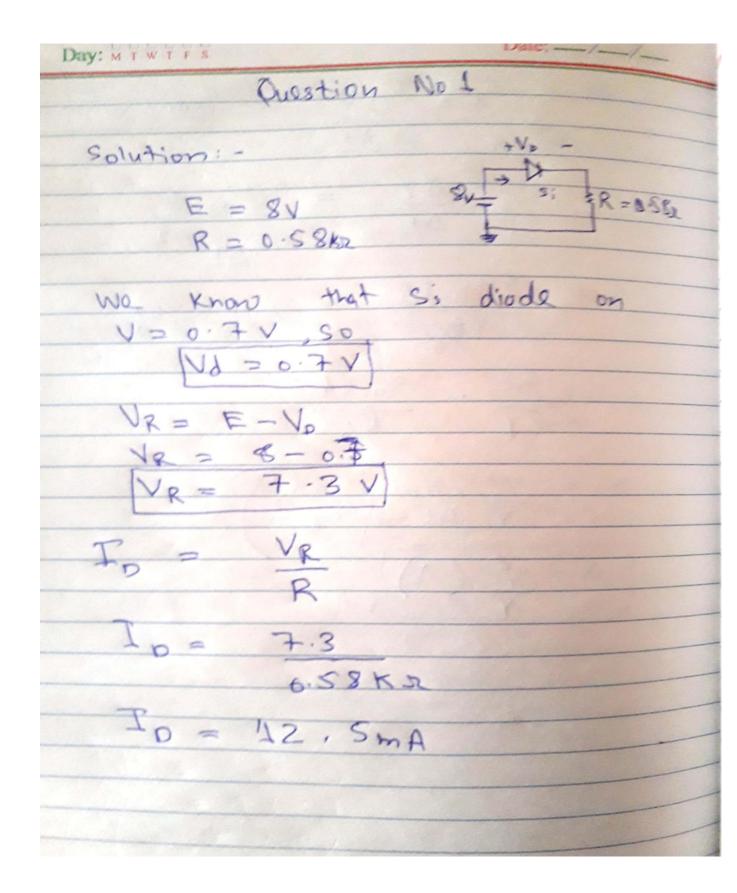
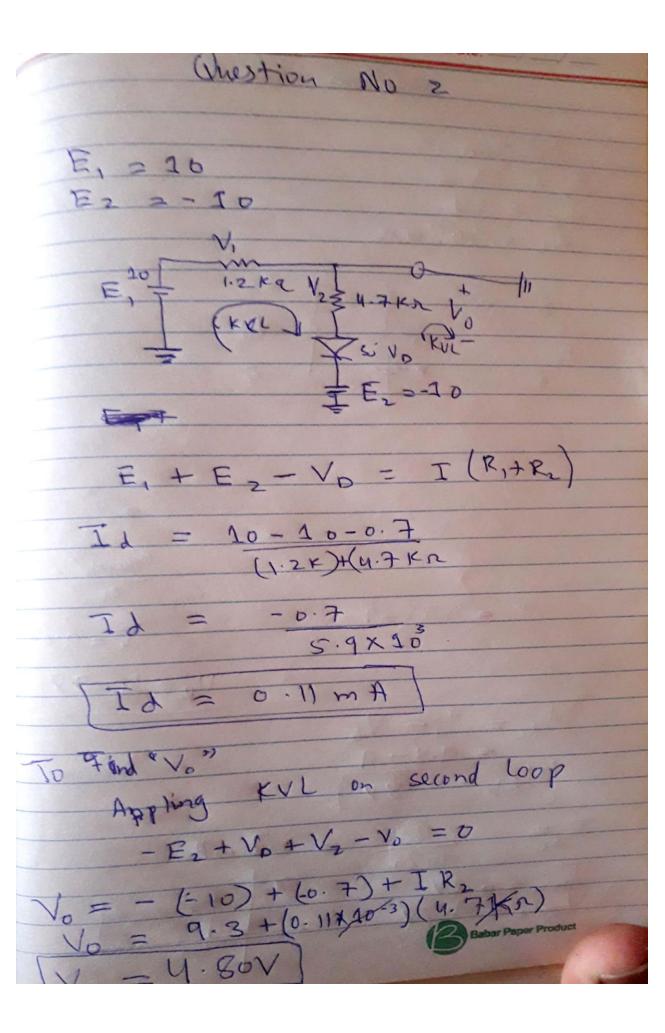
Name Muhammad Ali

Reg.no 19pwcse1801

Section A





3; diod has Vd = 0.7 V So for for half cycles two V = 0.7 +0.7 V= 1.4V

V, = 105 V

= 1.53Kg

p,

Vims = Vm

Vm = (105) (12)

1 Vm = 148.4 V

Date: KUL equation, we set 34 Vde 2 Vm - 2V 2 (148.4) - 2 (1.4) Vdc = 913.6 V 1.531c PIV = Vm - Vd = 148.4-0.7 PIV = 1477 for both diods 812 Find maximum christ In ICAT on Woods Applying - T RL = 0 Vm - V Td(man) = (148.4-1.4) RL
(1.53xs) -d (m) = 96 mA

