Name: Karim Mahmoud Kamal Code: V230/0174 (Assignment #7) Question 1:  $R_{0} = \frac{1 - 0.3}{0.1} = 7 kn$   $V_{0} > V_{6} - V_{7} + V_{6} - V_{7} + V_{7} = 7 kn$ IB = 12 Mn Cox 2 (V6s - V+h)2 0.1= 1 \* Yoo \* 1-6 \* 5 (-Vs-0-5)2 |S = -0.3V|X |S = -0.7 - (-1) = (3KR)Question@1 - FRVD VDS > V65-V4h = Sat ISD = = 1 My Cox 2 (VSG-1VAH)2) (1 18455) 180×156 = 1×100×10-6×018010-0 ((1-8-1)-0.5)2 : W = 7.2 Mm = [462] [=W=7-2/m] VO=11 R= VO = 5-56 KM R=5.56KA

