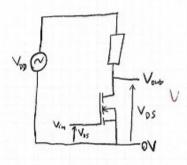
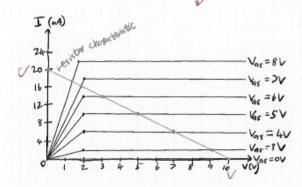
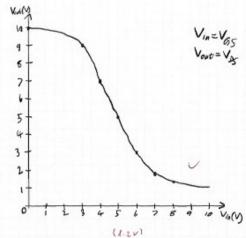
NEELU SARASWATI BHATLA (SRNS2)



2.
$$V_{DD} = 10V$$
 When $V_{05} = 0V$, $R = 500 \Omega$ $V_{R} = 10V$ $I_{R} = \frac{10}{500} = 0.02A = 20mA$

When
$$V_{pq} = 10V$$
,
 $V_{R} = 0V$
 $I_{R} = \frac{Q}{QQ} = 0$ mA





3. Wan Vin= BV, Vort ≈ 1.5 V, 50 VR ≈9.5 V

4. 0
$$R_{7} = 1.02 + 2.5 = 3.0$$

 $V = \frac{1}{3} \times 6 = \frac{2V}{3}$