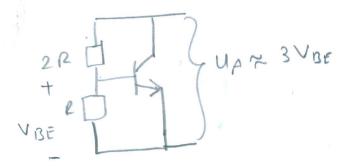


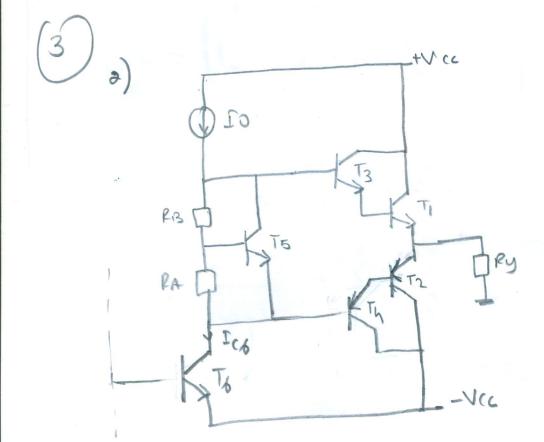
b) Pyrox = 
$$\frac{(Vu/2)^2}{2Ry} = \frac{(16)^2}{2.8} = 16W$$

$$R_{L} = \frac{(22-2)^{2}}{2.60} = \frac{60}{2x60} = 5x.$$



d) 
$$22-VBE=R=\frac{22-0.7}{5.15^3}=\frac{4260R}{5.15^3}$$

e) 
$$P_{TS} = V_{CES} \times I_{CS} = V_{CES} \times I_{O} = (V_{CC} - 2V_{SE}) \cdot I_{O}$$
  
=  $(22 - 1, h) \cdot 515^3 = 103 \text{ mW}$ 



(2)

Syrrax = Vyrrax = 20V = 5 A 3
Ry hie b) yynax? = Pynax=50W

Vcc & Vynox + VcE omn = 22V olur

c) 
$$I_0 = I_{C6} \ge I_{ynox} = \frac{5A}{1000} = \frac{5mA}{1000}$$

transitor de haranan pien en bijuk degerider. O horlde