1

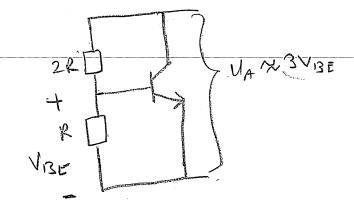
(2) 2) Dovre B sinfi pag Limethendiricisi olorak galymaktordir.

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

c) Icroix = Iyrox = $\frac{16}{8} = 24$ (Netimobli transistorden wiker.

Vernax = Vee = 324 Lemdeli fronistorde oluque.

(2)
$$\partial$$
) $P_{Lmox} = \frac{1}{2} \frac{(V_{CC} - V_{CEDmin})}{P_L} = \frac{400}{2.40} = \frac{50}{2.40}$

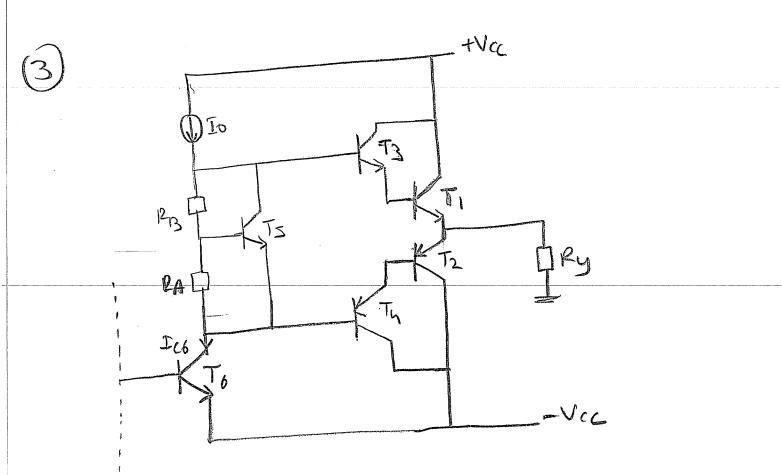


$$\begin{array}{c}
\text{P}_{\text{FD}} = |3_{\text{FI}} \cdot \beta_{\text{F3}}| = |3_{\text{F2}} \cdot \beta_{\text{F4}}| \\
\text{Fin} = |\sqrt{cc} - \sqrt{ceomin}| = |20| = hA \\
\text{Fin} = |\sqrt{hA}| = |800| \\
\text{Fin} = |3_{\text{FI}}| = |3$$

d)
$$\frac{22-V_{13\bar{c}}}{I_0} = R = \frac{22-0.7}{5.15^3} = 4260 \Omega$$

e)
$$P_{TS} = V_{CE} 5^{\times} I_{CS} = V_{CES}^{\times} I_{O} = (V_{CC} - 2V_{BE}) \cdot I_{O}$$

= $(22 - 1/4) \cdot 510^{3} = 103 \text{ mW}$



d) 1)
$$P_T = P_{dit} P_{d2} = 0.273 Pyrax (azomi aller pick i'an)$$

$$P_T = P_{DC} - P_{yrax} = P_{yrax} \left(\frac{1}{2} - 4 \right)$$