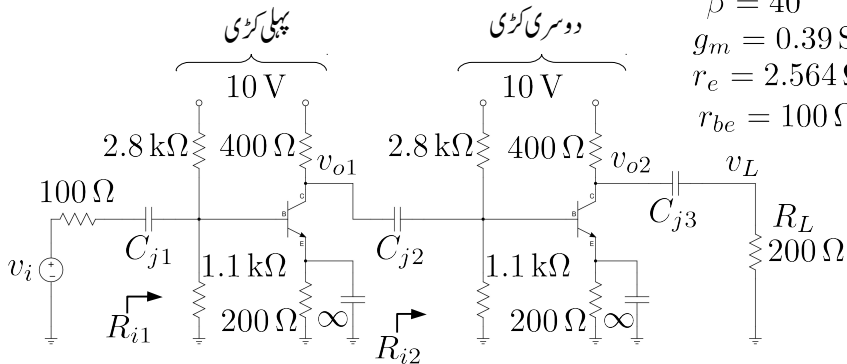


$$\begin{aligned}\beta &= 40 \\ g_m &= 0.39 \text{ S} \\ r_e &= 2.564 \Omega \\ r_{be} &= 100 \Omega\end{aligned}$$



$$A_{v0} = 0.47 \text{ V/V} \quad A_{v1} = -\frac{\sum R_C}{\sum R_E} = -28 \text{ V/V} \quad A_{v2} = -52 \text{ V/V}$$