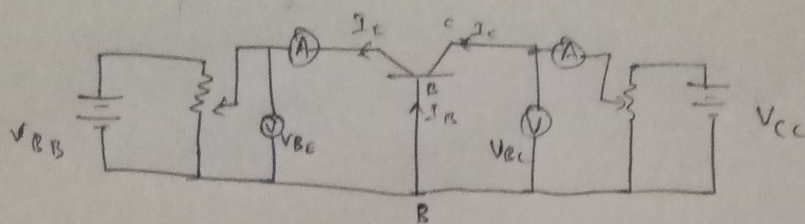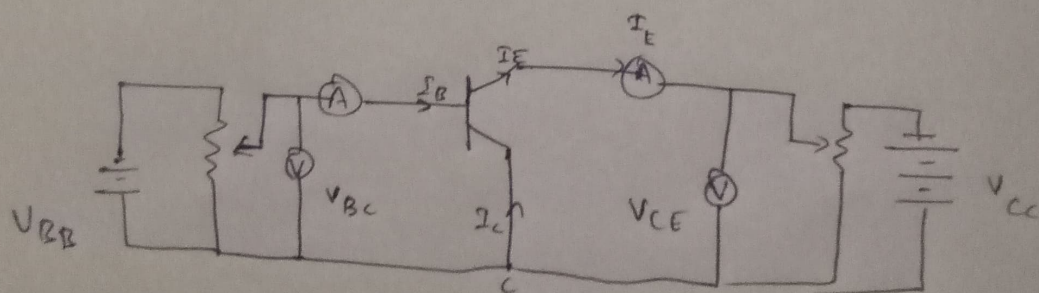CB configuration:

Hemanth.N
201950354

$$h_{ib} = \frac{\Delta V_{BE}}{\Delta I_E}$$

$$h_{rb} = \frac{\Delta V_{BE}}{\Delta V_{CB}}$$

$$h_{fb} = \frac{\Delta I_C}{\Delta I_E}$$

$$h_{ob} = \frac{\Delta I_C}{\Delta V_{CB}}$$

CC configuration:

$$h_{ic} = \frac{\Delta V_{BC}}{D I_B}$$

$$h_{rc} = \frac{\Delta V_{BC}}{\Delta V_{CE}}$$

$$h_{fc} = \frac{\Delta I_E}{\Delta I_B}$$

$$h_{oc} = \frac{\Delta I_E}{\Delta V_{cE}}$$