Tutorial Sheet -9 IEC103

- (91) Determine the de cuerent gam BDC and emitter aurest IE of a transistic whose IB = 50 MA and IC = 3.65 mA

Q2 Sketch an ideal family of collector curves for the curve shown in Fig. Q2a) for IB = 5MA to. 25 MA in 5MA increments. Assume BDC = 100 and that VCE does not exceed breakdown.

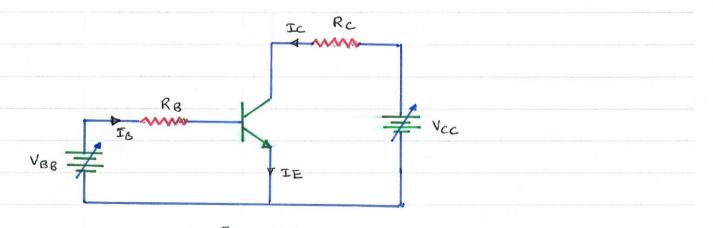


Fig. (22a)

Q3) Determine the values of IB, IC, IE, VBE, VCE and VCB in the circuit shown in Fig. q below. The transvistor is a silicon transistor with Boc = 150. € 10052 VCB + RB 10KZ VCC ___ 10V

Fig. Q

