
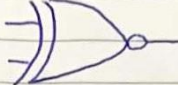


Practical b

Q1

(a) i) XOR =  A, B output A XOR B

ii) NOR =  A, B output A + B = 0

(i)

Truth Table
XOR Gate

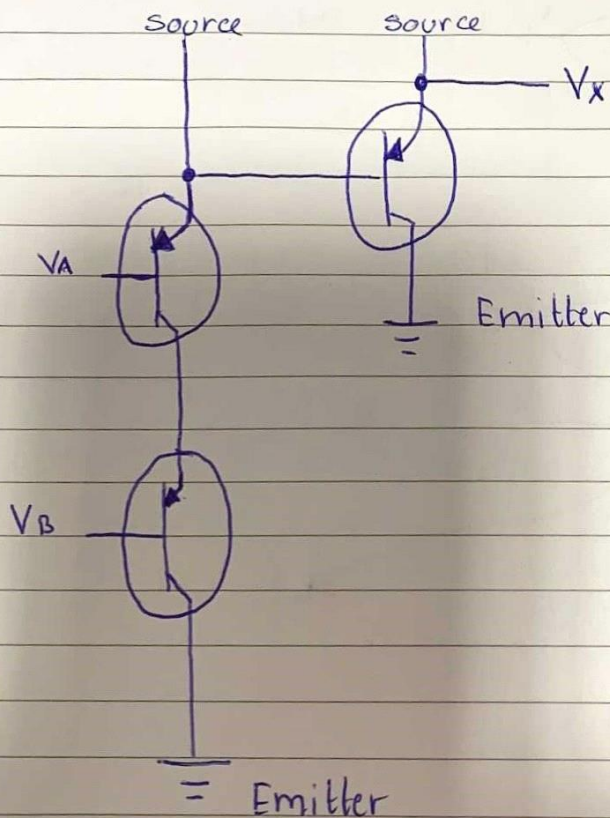
Input (A)	Input (B)	output AY
0	0	0
0	1	1
1	0	1
1	1	1

(ii)

Truth Table
Nor Gate

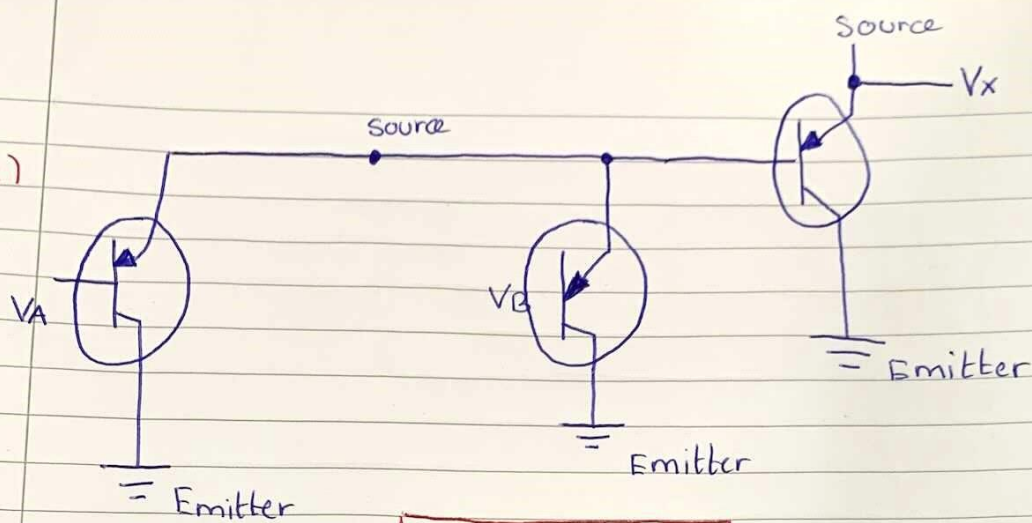
Input (A)	Input (B)	output (Y)
0	0	1
0	1	0
1	0	0
1	1	0

(B)



A	B	X
0	0	0
1	0	0
0	1	0
1	1	1

(c)



A	B	X
0	0	0
1	0	1
0	1	1
1	1	1