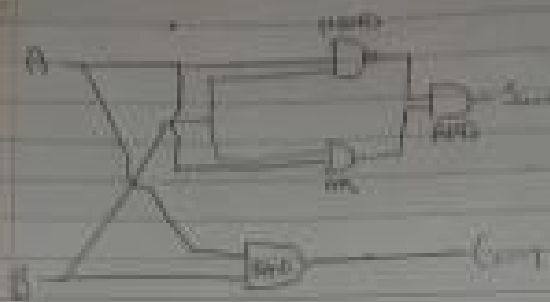


Q.2



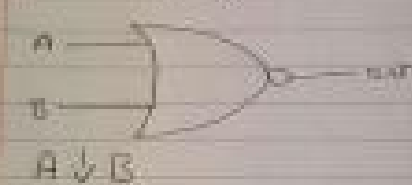
A	B	S	C
1	1	1	1
1	0	0	0
0	1	0	0
0	0	0	0

Ques 1



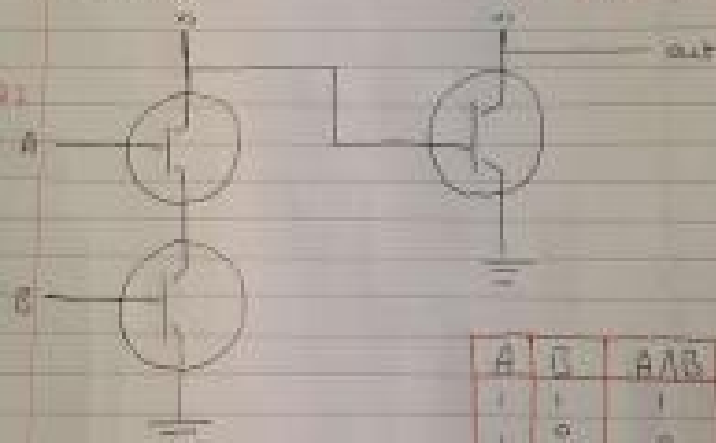
A	B	$A \oplus B$
1	1	0
1	0	1
0	1	1
0	0	0

Q2

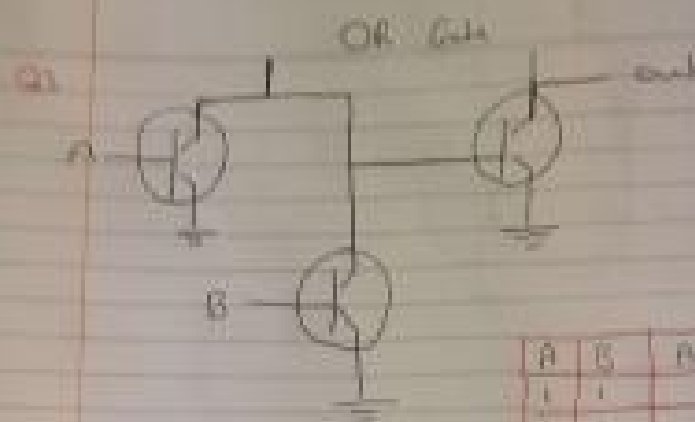


A	B	$A \downarrow B$
1	1	0
1	0	0
0	1	0
0	0	1

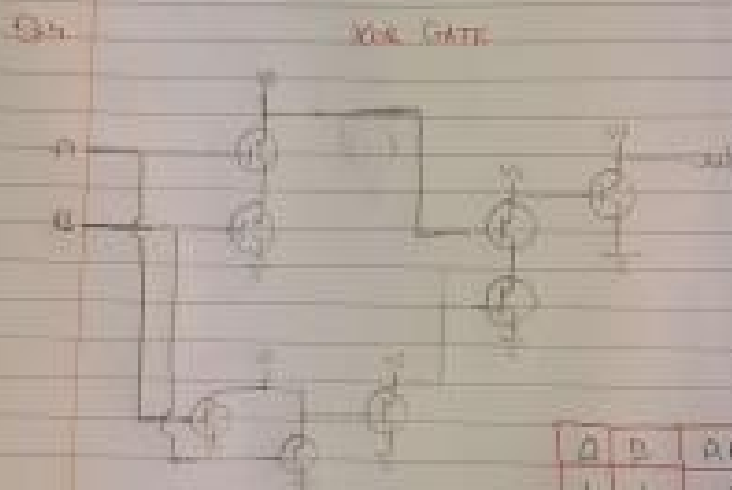
Q3



A	B	$A \wedge B$
1	1	1
1	0	0
0	1	0
0	0	0

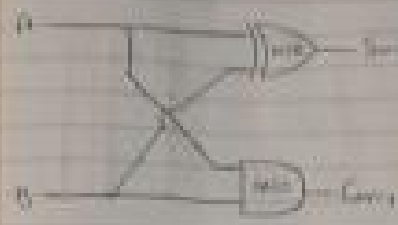


A	B	A ∨ B
1	1	1
1	0	1
0	1	1
0	0	0



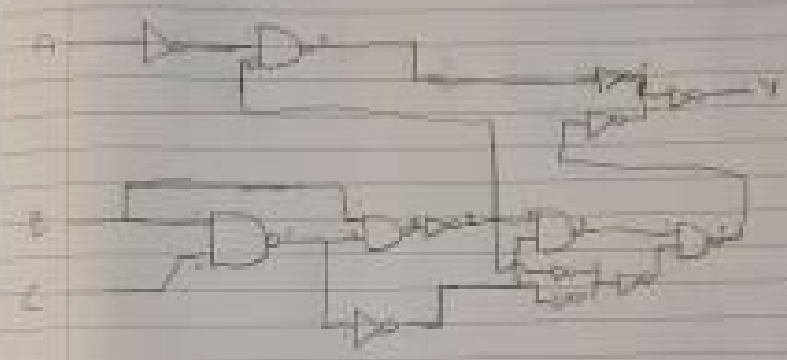
A	B	A ⊕ B
1	1	0
1	0	1
0	1	1
0	0	0

Q5



A	B	Carry ₁	Sum
1	1	1	0
1	0	0	1
0	1	0	1
0	0	0	0

Q6



A	B	C	Y
1	1	1	1
1	1	0	1
1	0	1	1
1	0	0	0
0	1	1	1
0	1	0	1
0	0	1	1
0	0	0	0