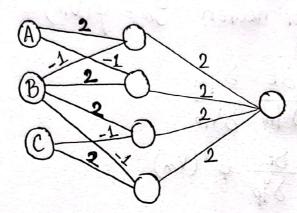
F (A,B,C) = AB'+BA'+BC'+CB'

Miven, A.B.C = inputs F = output

& Each neuron with threshold 2



A	B	C	A'	Br	c1	-A6'	BA'	Be'	c81	F
0	0	0	-	1	1	0	0	0	0	0
0	0	1	1	1	0	0	0	0	1	1
0	1	0	1	0	1	0	1	7 T	0	1
1	1	1	ſ	0	0	0		0	n	1.1
1	0	0	0	1		1	0	. 0	0	1
1	1	0	0	1	0	TAL.	0	a	- 1	1
1	1	1	O	0	0	0	0	1	0	1
0					U	0	p	0	O	0 -

So, from the above truth table we can see that this is clearly an XOR gate. As, this is an XOR gate, these gates are not linearly separable.

Thus this is not linearly separable.



