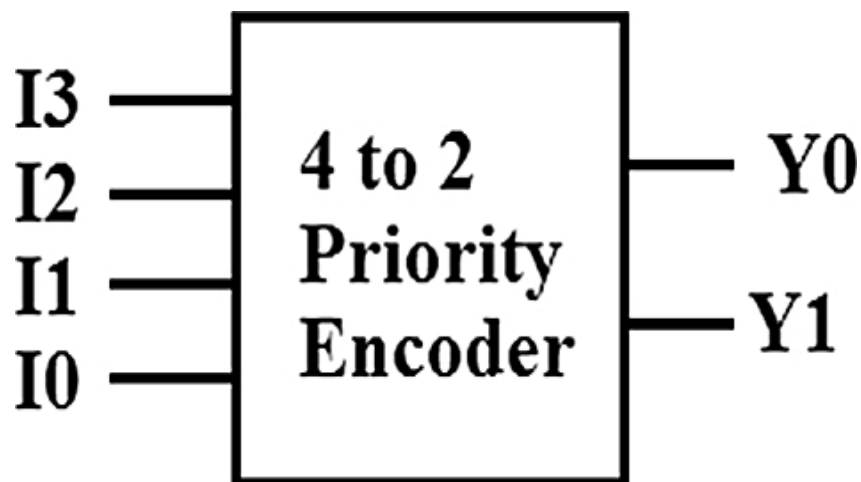


Block Diagram and Truth table



Input				Output	
I3	I2	I1	I0	Y1	Y0
0	0	0	1	0	0
0	0	1	0	0	1
0	1	0	0	1	0
1	0	0	0	1	1