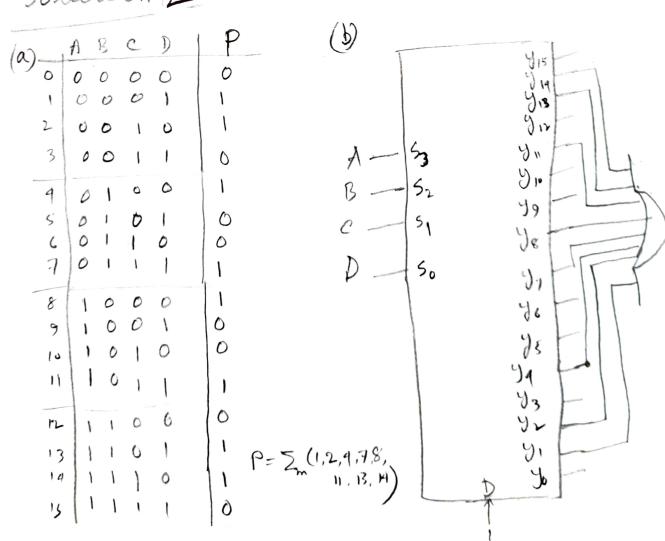
Solution 1

(a) 4-to-1- Multiplexer

 $Q = \frac{3}{5}, \frac{5}{5}, \frac{5}{5$

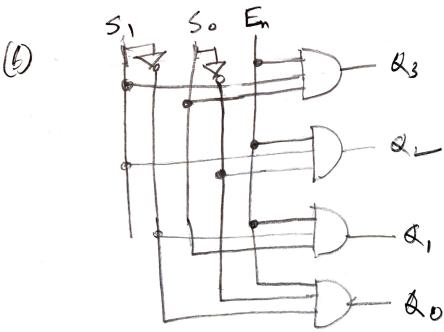
(d) Do. DI. (c) F (A.B, C.D) F = 5 m (1,5,7)

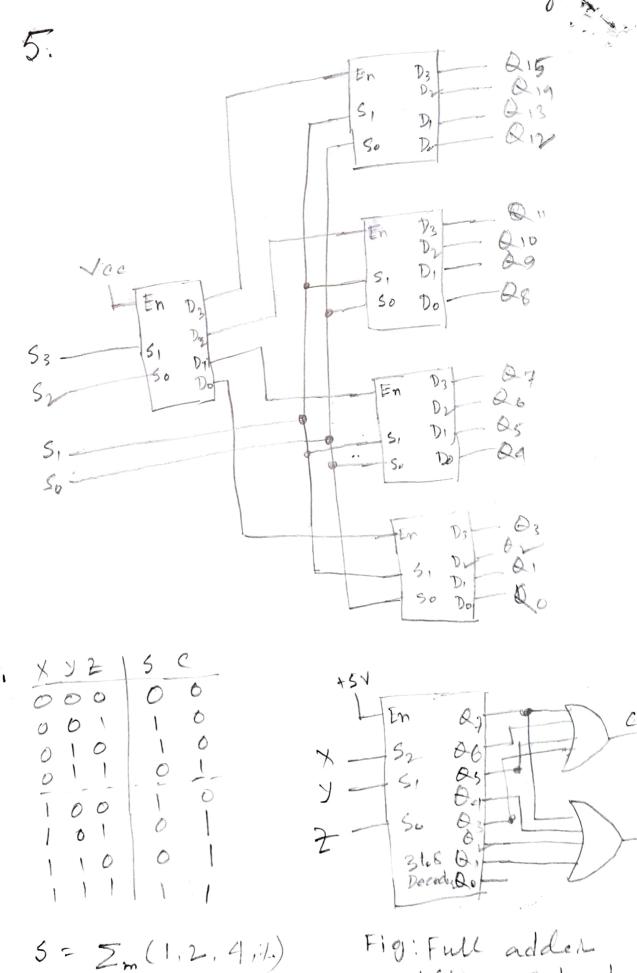
Solution 2



3.	En	51	50	Qo	QI	Q2	03
(a·)	0	X	X	0	0	٥	0
		0	0	1	0	O	0
		0	1	0	1	0	0
	١		0	0	0	1	0
	1	١	١	C	0	0	A CONTRACTOR OF THE CONTRACTOR

(6)





C- 2m (3.5,6,7)

will 3. 68 decoder