

Ch. 5

1.

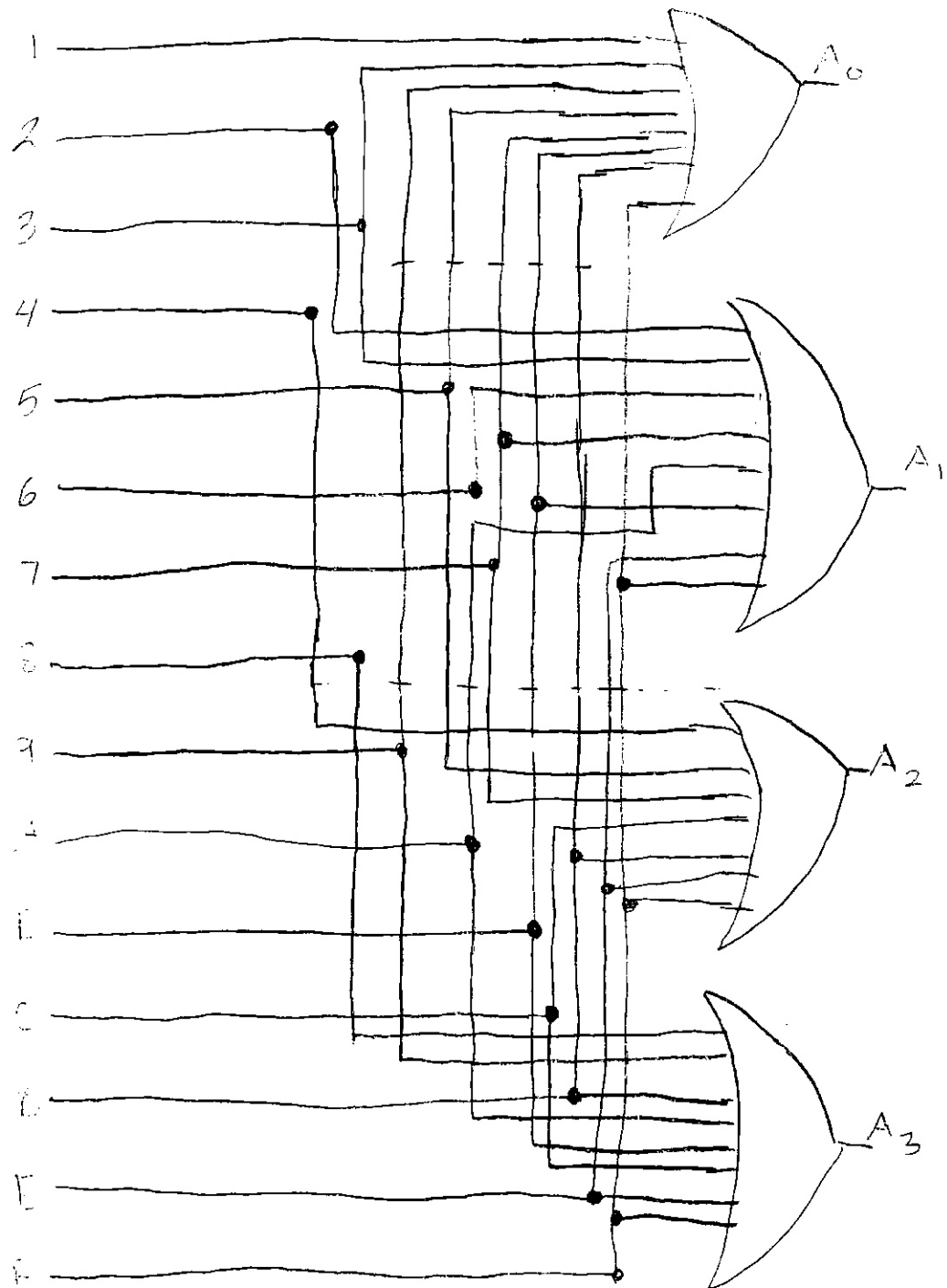
	A_{x3}	A_{x2}	A_{x1}	A_0
0	0	0	0	0
1	0	0	0	1
2	0	0	1	0
3	0	0	1	1
4	0	1	0	0
5	0	1	0	1
6	0	1	1	0
7	0	1	1	1
8	1	0	0	0
9	1	0	0	1
10 A	1	0	1	0
11 B	1	0	1	1
12 C	1	1	0	0
13 D	1	1	0	1
14 E	1	1	1	0
15 F	1	1	1	1

* logic diagram
is on different
page

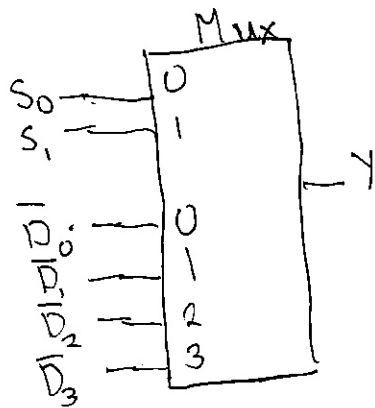
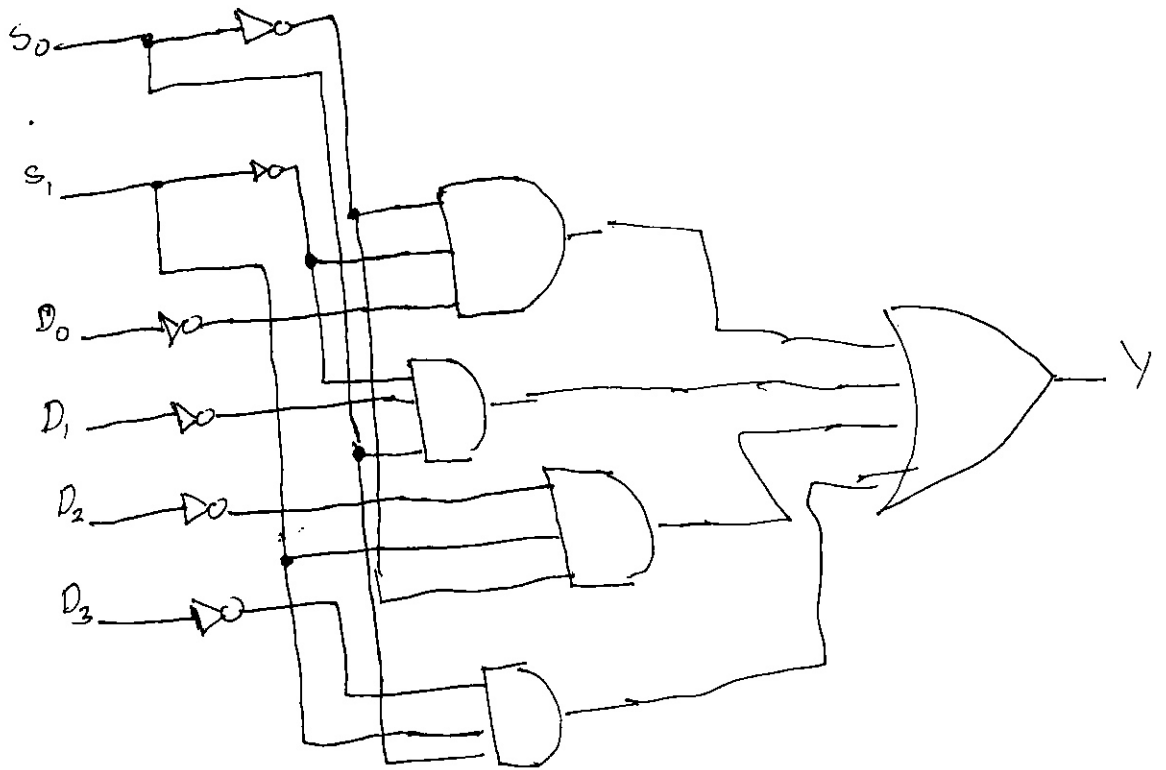
2.

The faulty is 64; the type of failure is shorted

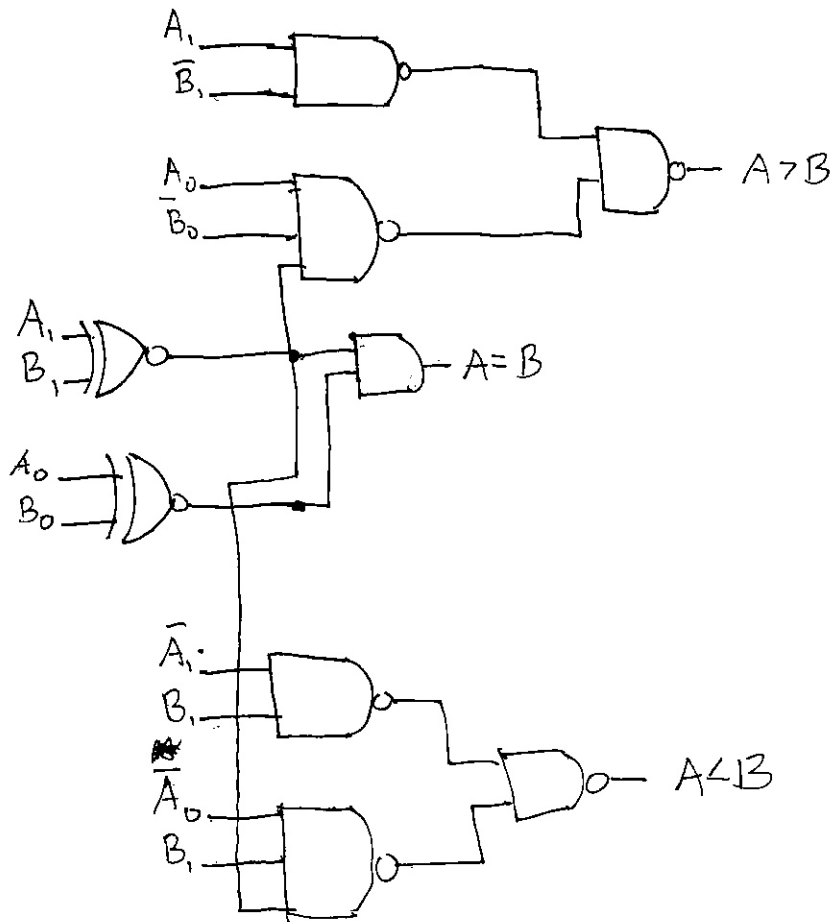
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1.



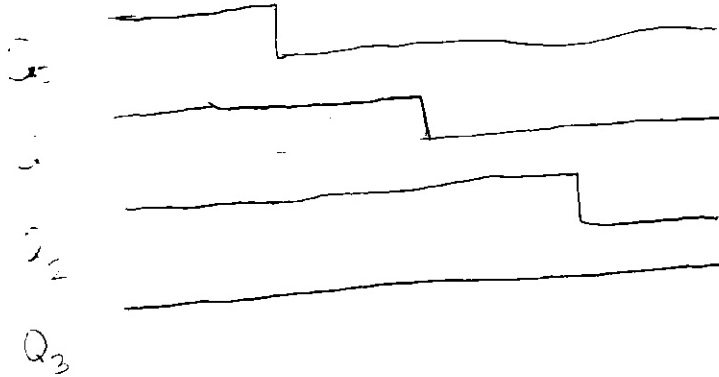
2.



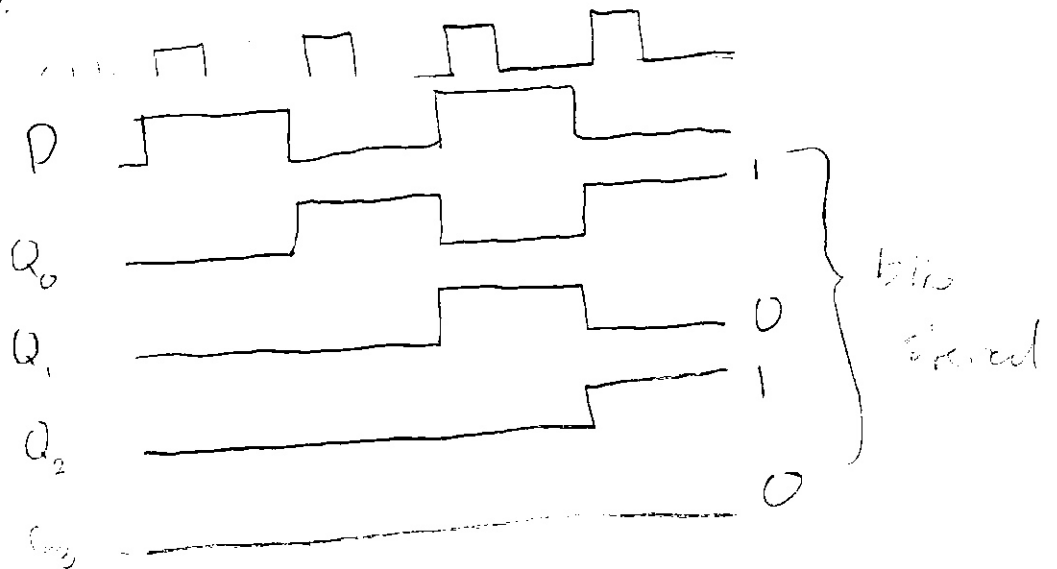
1.

a.

CLK

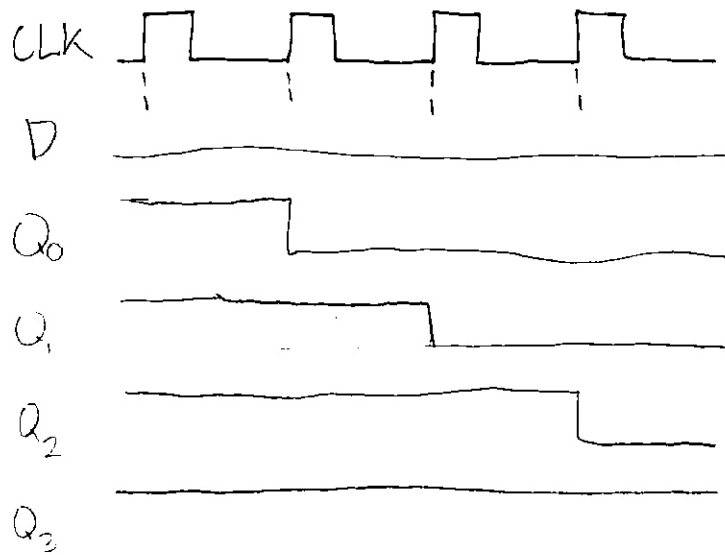


b.

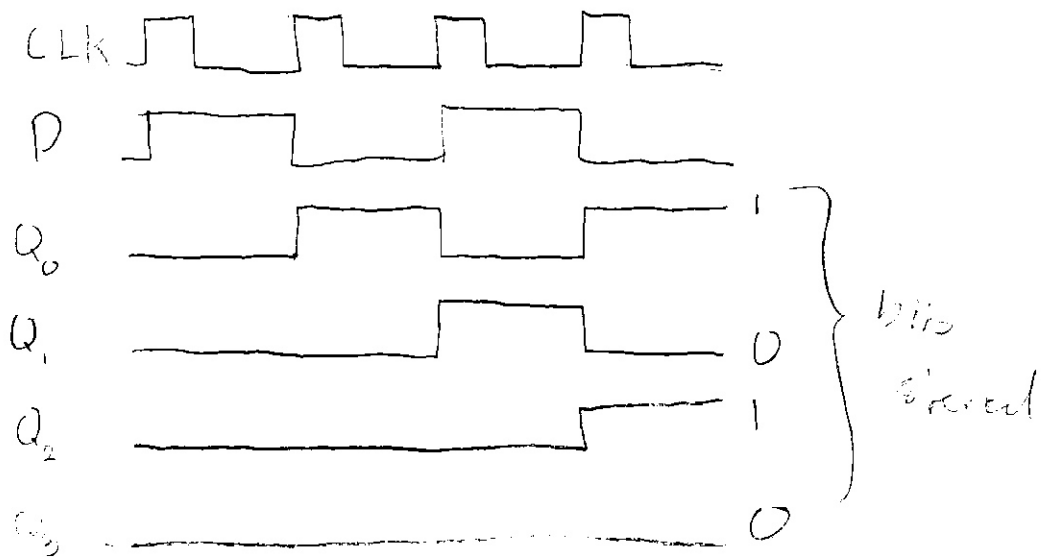


1.

a.



b.



2.

