

Soln':

Q2)

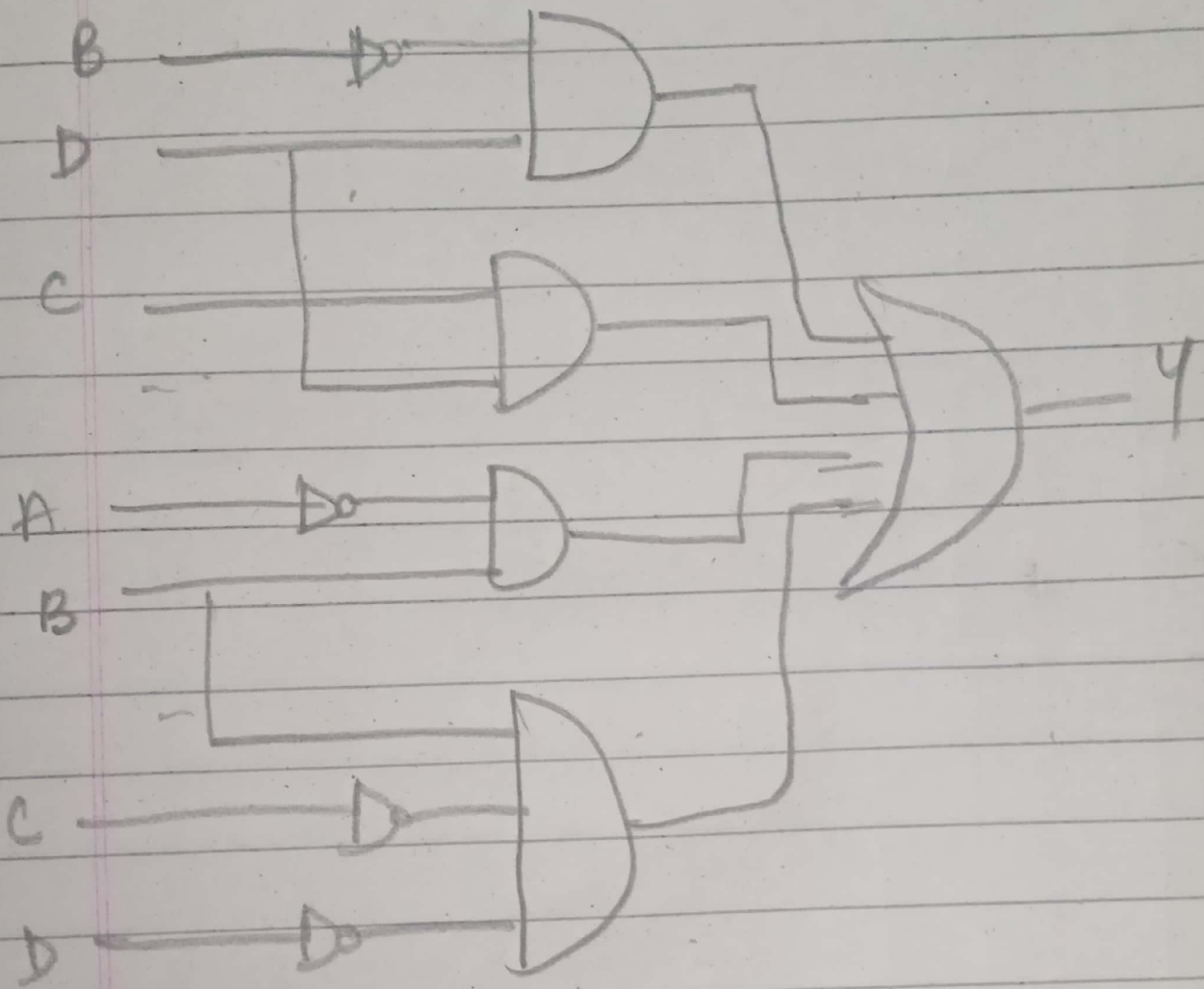
A	B	C	D	O/P	
0	0	0	0	0	
0	0	0	1	1	(iii)
0	0	1	0	0	
0	0	1	1	1	(vii)
0	1	0	0	1	(ii)
0	1	0	1	1	(iv)
0	1	1	0	1	(vi)
0	1	1	1	1	(viii)
1	0	0	0	0	
1	0	0	1	1	(iv)
1	0	1	0	0	
1	0	1	1	1	(i)
1	1	0	0	1	(v)
1	1	0	1	0	
1	1	1	0	0	
1	1	1	1	1	(i)

(7)

AB \ CD	00	01	11	10
00	0	1	1	0
01	1	1	1	1
11	1	0	1	0
10	0	1	1	0

$$O/P = BD + CD + A'B + BC'D'$$

(3)



②