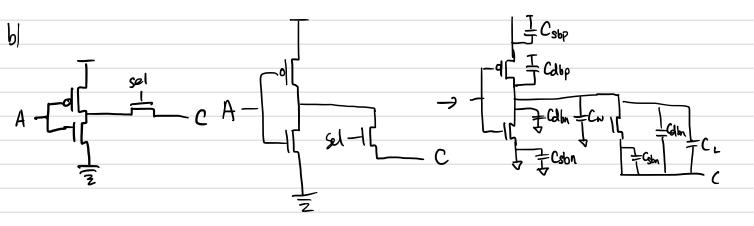
b) Warst case: $t_{pHL} \Rightarrow (A, B, C, D)$ $(1, 1, 1, 0) \Rightarrow (1, 1, 1, 1)$ $t_{pLH} \Rightarrow (1, 1, 1, 1) \Rightarrow (1, 1, 1, 0)$

A)
F=
$$\sqrt{\overline{A}}$$
 (Sel + SelB) + \overline{B} (Sel + SelB)

						•
A	B	sel	selB	C	F	Sel.
0	0	0	0	1	0	
0	O	0	ı	1	O	
O	0	1	O	1	0	A ->0-
O	D	ſ	ı	1	٥	
0	ſ	0	0	1	0	
0	Ţ	O	1	O	1	self - Do-out
ð	1	1	0	- 1	0	· <u> </u>
0	1	1	1	- 1	0	
1	0	0	0	1	0	
ſ	O	٥	1	ſ	Ò	
ſ	0	1	O	0	1	se (
1	O	1	1	1	0	351
1	1	σ	0	0	1	
1	1	0	1	0	1	C _L =
1	1	/	6	д	(C _o
,	,	1	,	n	1	



o) 2R(3C)+R(C)