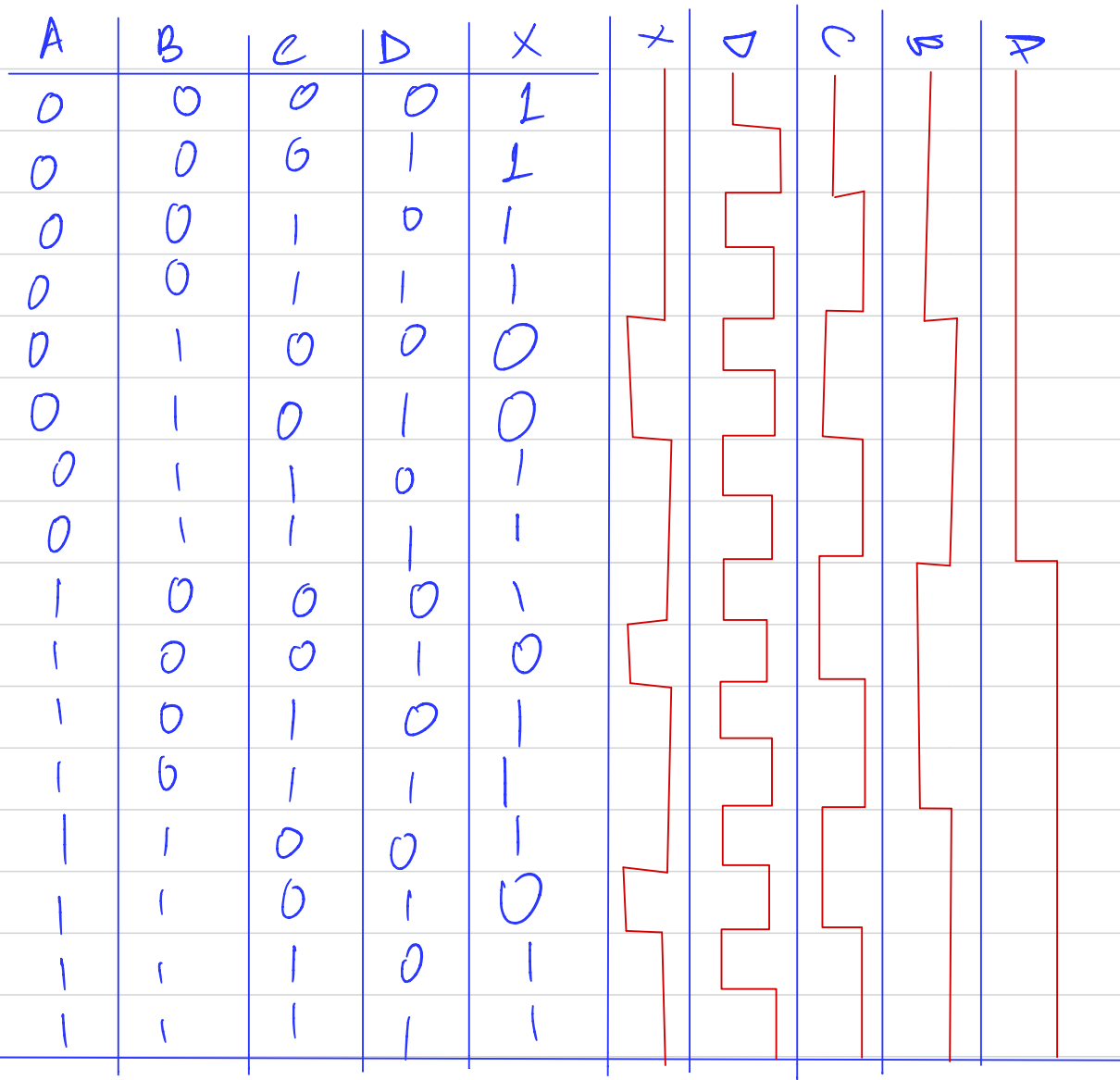


Task 01



Task 02

A	B	C	D	X	X	D	C	B	A
0	0	0	0	1					
0	0	0	1	1					
0	0	1	0	1					
0	0	1	1	1					
0	1	0	0	0					
0	1	0	1	0					
0	1	1	0	1					
0	1	1	1	1					
1	0	0	0	1					
1	0	0	1	0					
1	0	1	0	1					
1	0	1	1	1					
1	1	0	0	1					
1	1	0	1	0					
1	1	1	0	1					
1	1	1	1	1					

Task 03

Boolean expression

$$\bar{A} \cdot (B \oplus C)$$

Truth Table

A	B	C	$B \oplus C$	\bar{A}	X
1	1	1	0	0	0
1	1	0	1	0	0
1	0	1	1	0	0
1	0	0	0	0	0
0	1	1	0	1	0
0	1	0	1	1	1
0	0	1	1	1	1
0	0	0	0	1	0