

$$F = A'B'C'I_0 + A'B'CI_1 + A'BC'I_2 + A'BCI_3 + AB'C'I_4$$

(الف)

$$+ ABC'I_5 + ABCI_6 + ABCI_7$$

+3

-2 for missed Table

$$F = A'B'C'D' + A'BC + AB'C'D + AB'CD + ABC'D' + ABC$$

ا

(ب)

A	B	C	D	F
0	0	0	0	1
0	0	0	1	0
0	0	1	0	0
0	0	1	1	0
0	1	0	0	0
0	1	0	1	0
0	1	1	0	1
0	1	1	1	1
1	0	0	0	0
1	0	0	1	1
1	0	1	0	0
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

$$\left. \begin{array}{l} I_0 = C'D' \end{array} \right\}$$

$$\left. \begin{array}{l} I_1 = C \end{array} \right\}$$

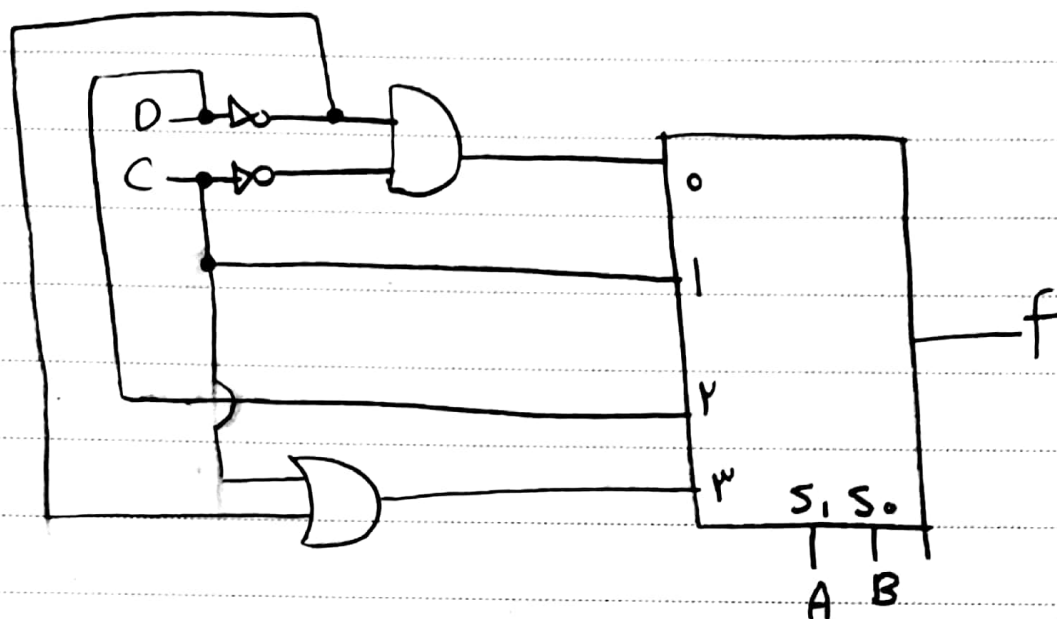
$$\left. \begin{array}{l} I_2 = D \end{array} \right\}$$

$$\left. \begin{array}{l} I_3 = C + D' \end{array} \right\}$$

ب

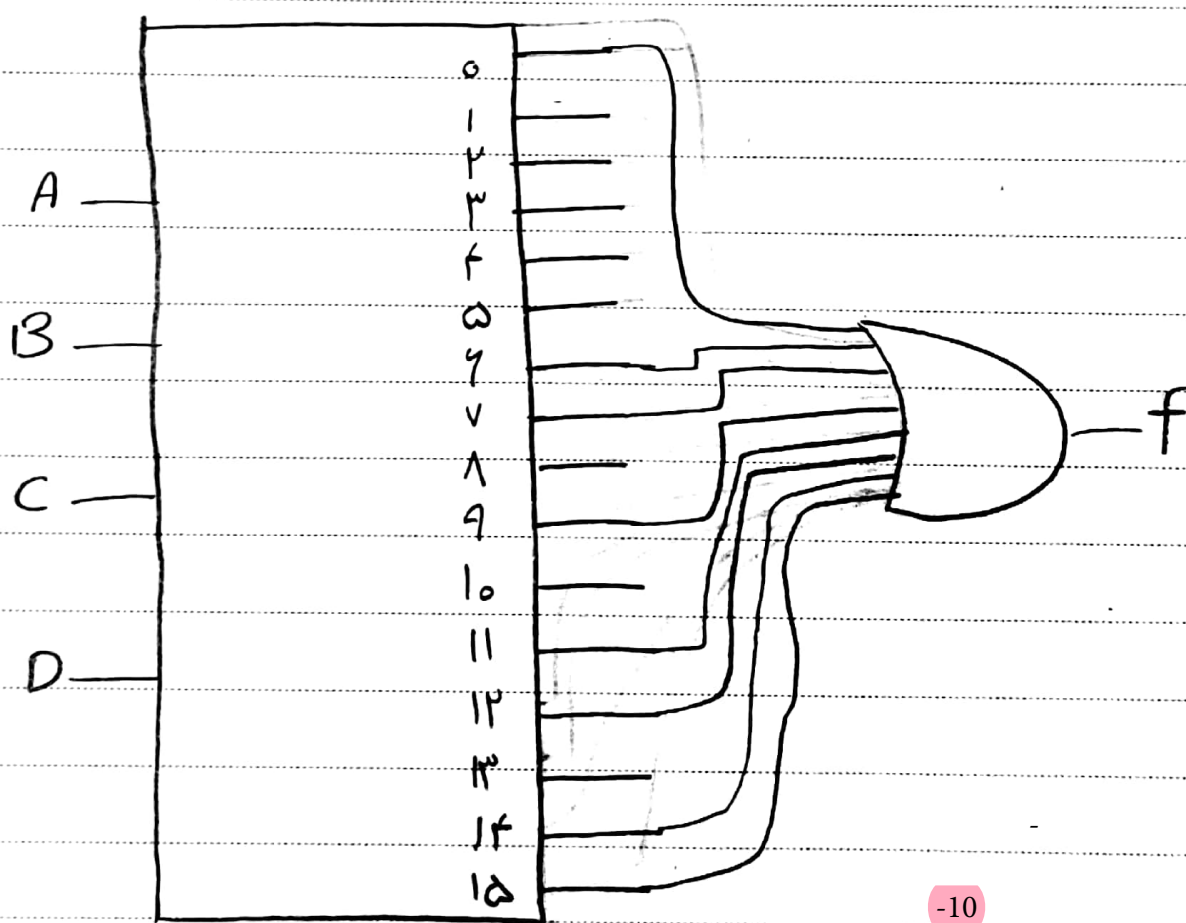
ادامہ دے

+10



$$F = \bar{Z} m(0, 4, 7, 9, 11, 12, 14, 15)$$

ج



-10