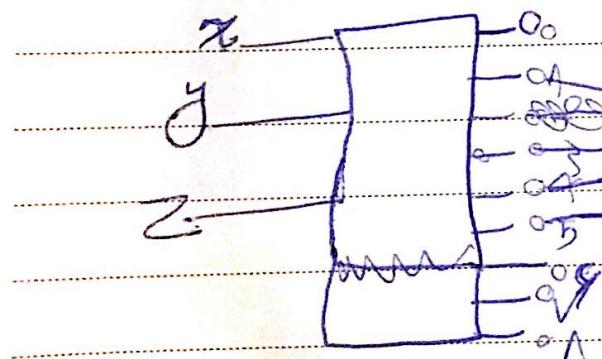


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دستور معتبر

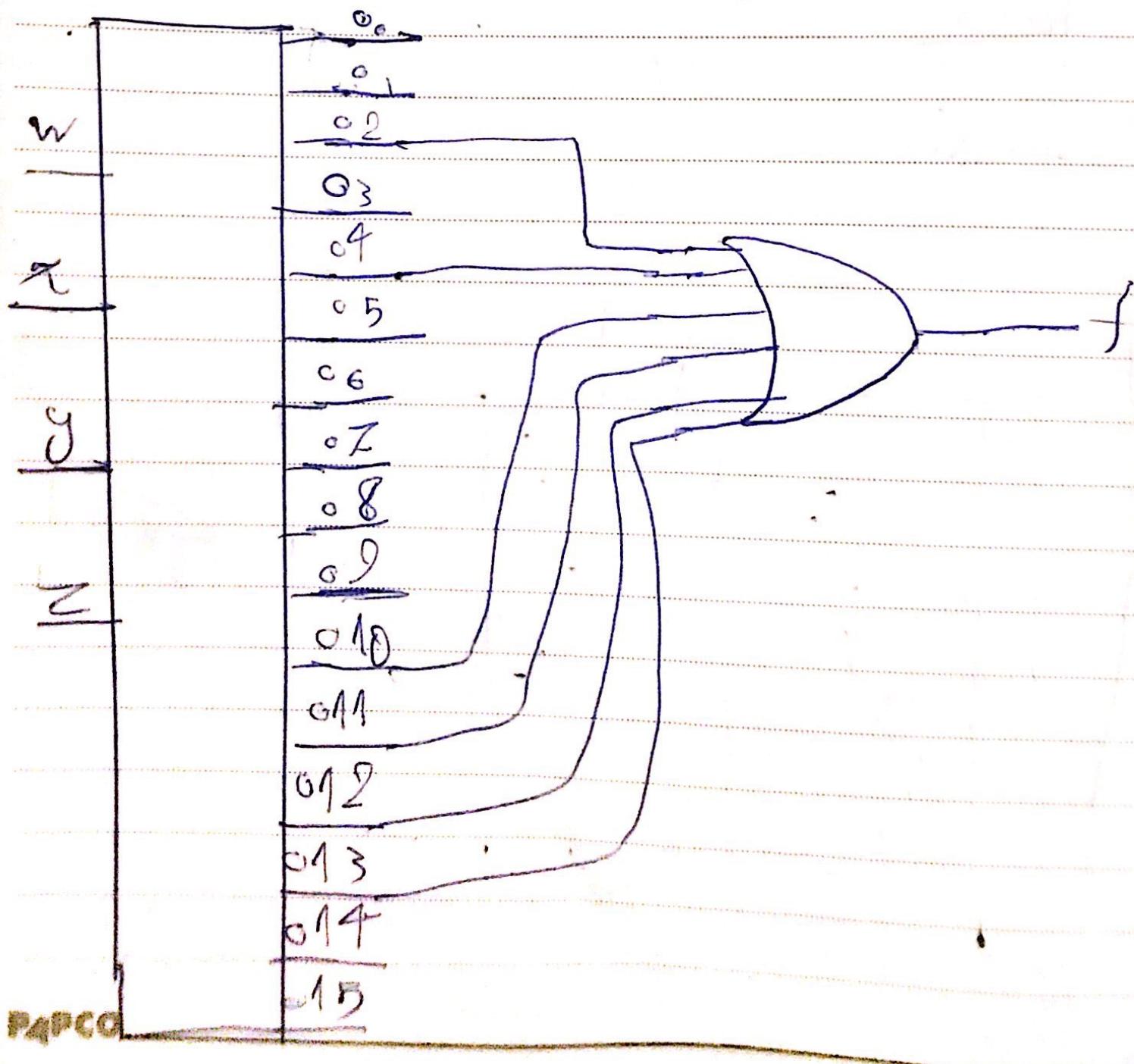
(الف)

$$a = xy\bar{z} + \bar{x}\bar{y}\bar{z} + \bar{x}yz + \bar{x}\bar{y}z$$



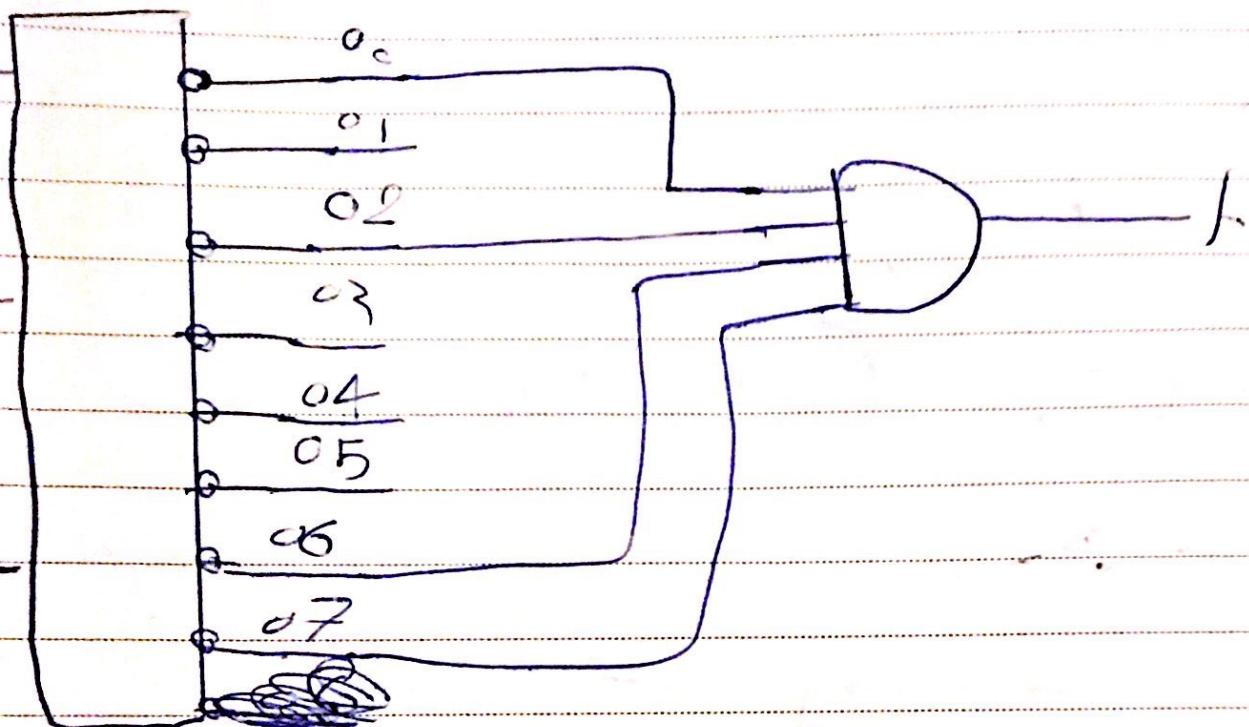
x	y	z	00010203040506
0	0	0	1000000000000000
0	0	1	0100000000000000
0	1	0	0010000000000000
0	1	1	0001000000000000
1	0	0	0000100000000000
1	0	1	0000010000000000
1	1	0	0000001000000000
1	1	1	0000000100000000

b) $f \in m(2, 4, 10, 11, 12, 13)$

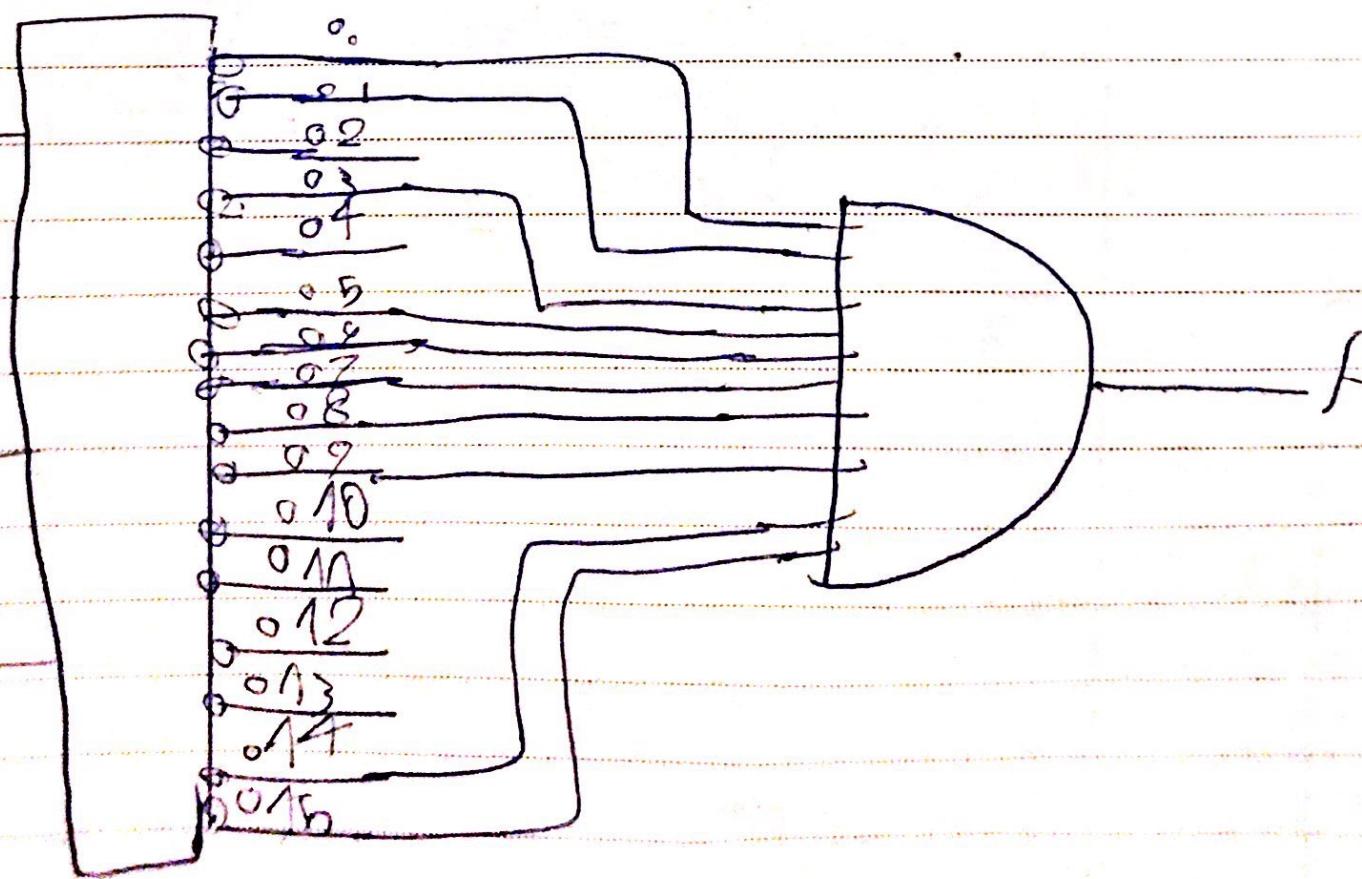


a) $F(x, y, z) = (x+z)(\bar{x}+\bar{y})$.

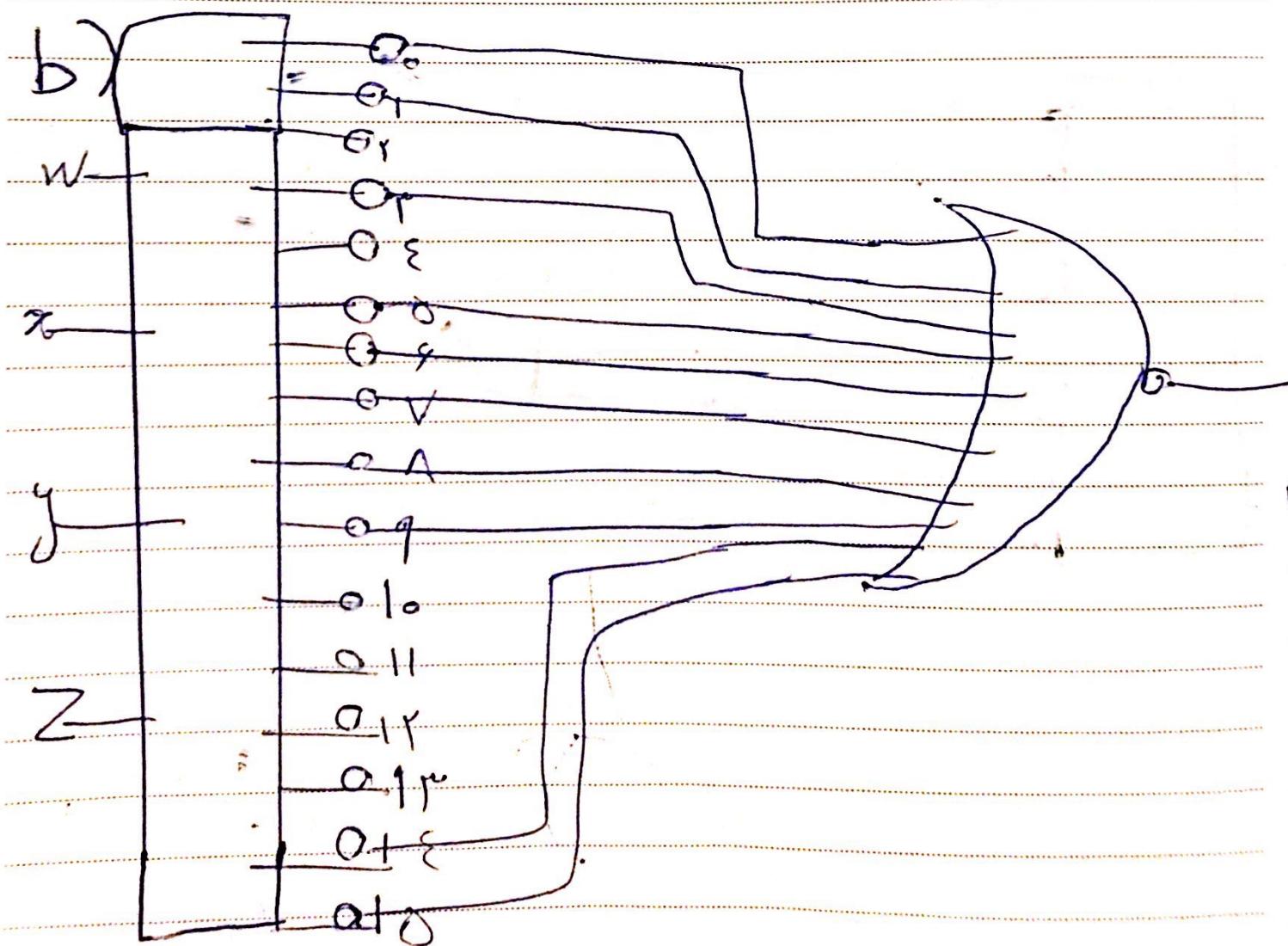
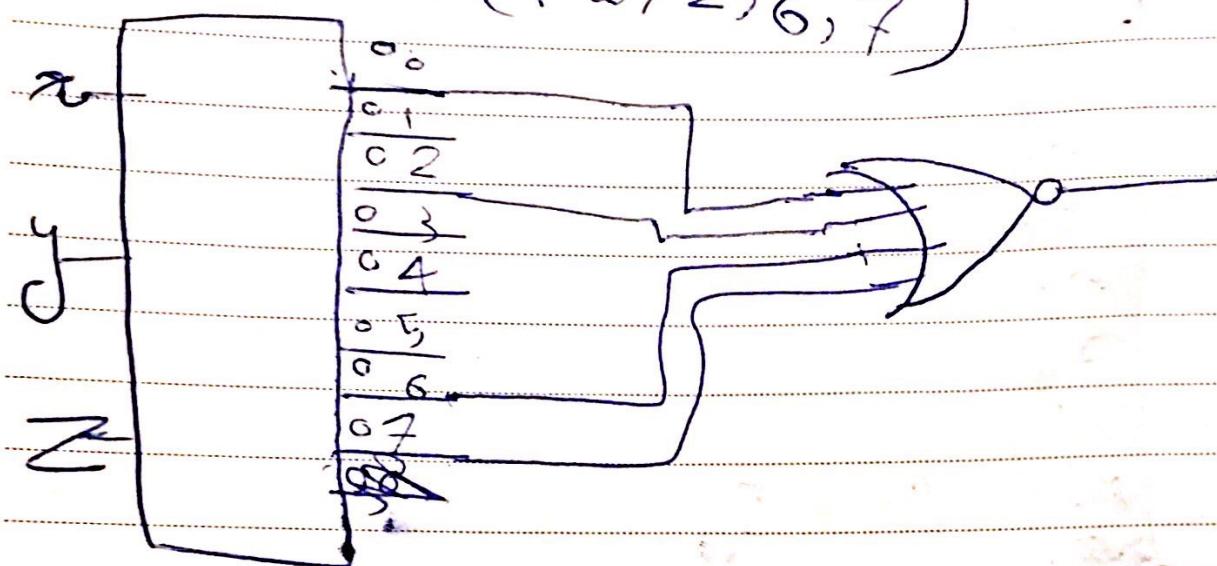
$$= (x+z+y)(x+z+\bar{y})(\bar{x}+\bar{y}+z)(\bar{x}+\bar{y}+\bar{z})$$

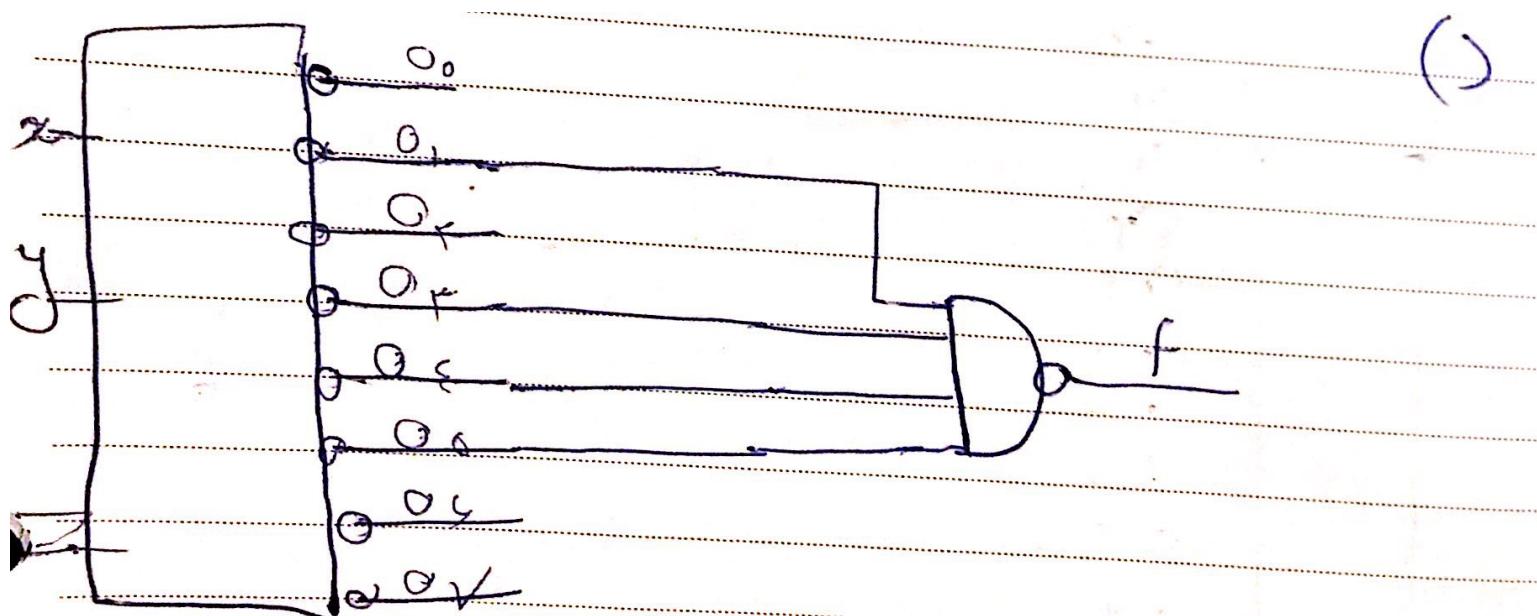


b

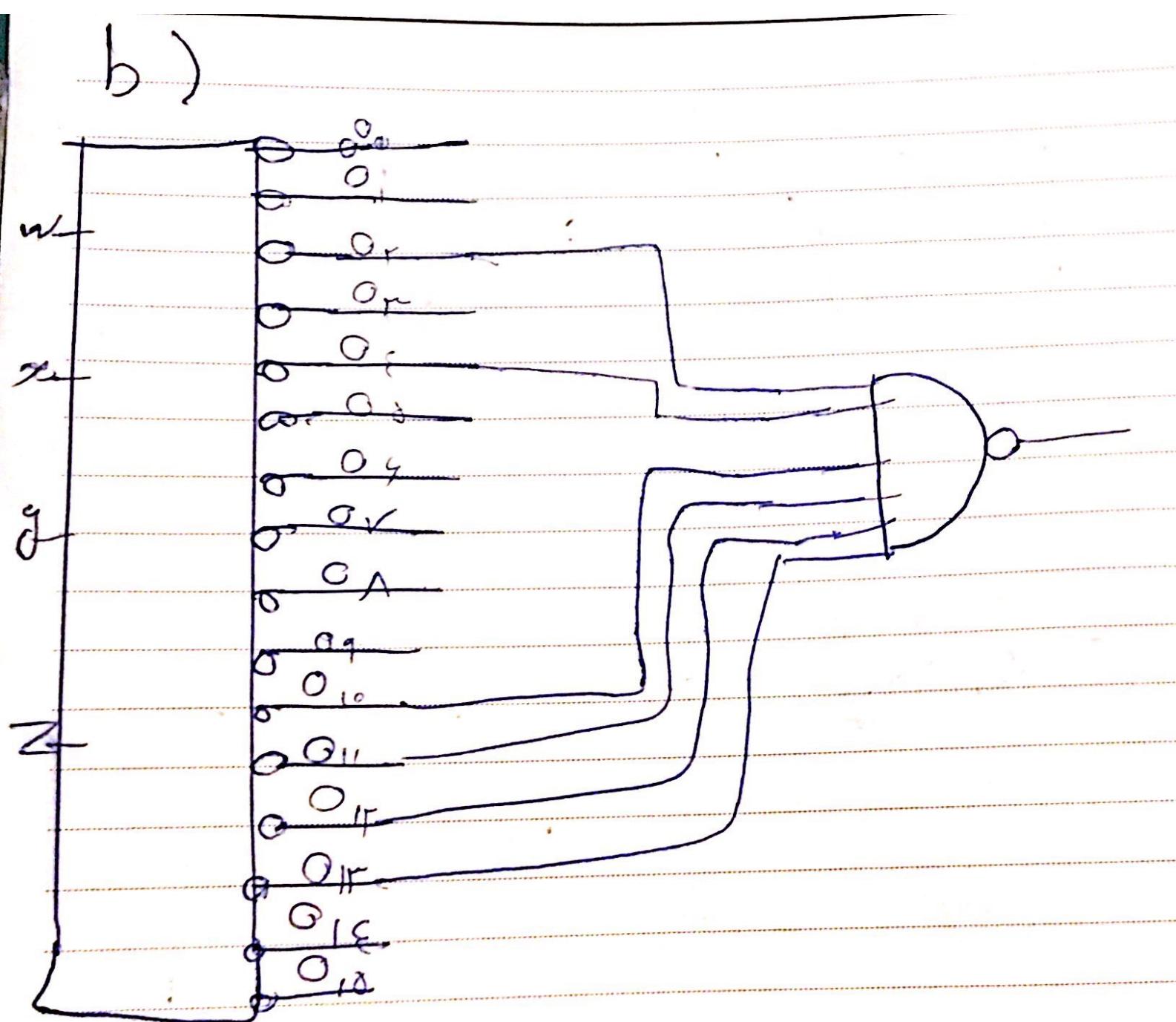


$$a) f = \prod M(0, 2, 6, 7) \quad (c)$$

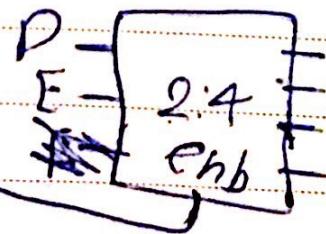
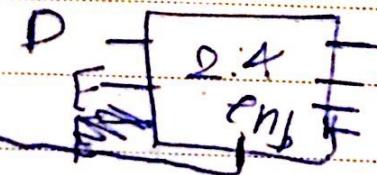
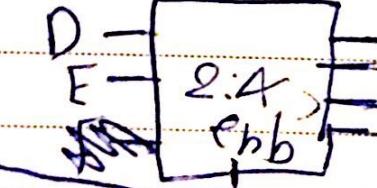
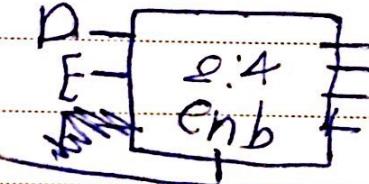
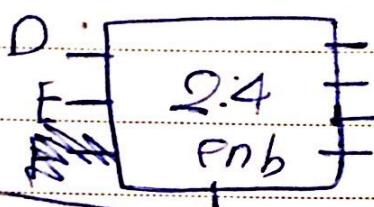
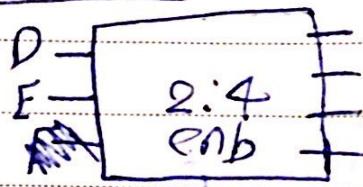
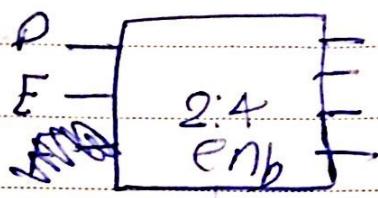
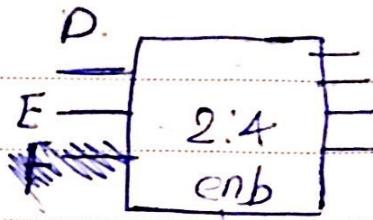


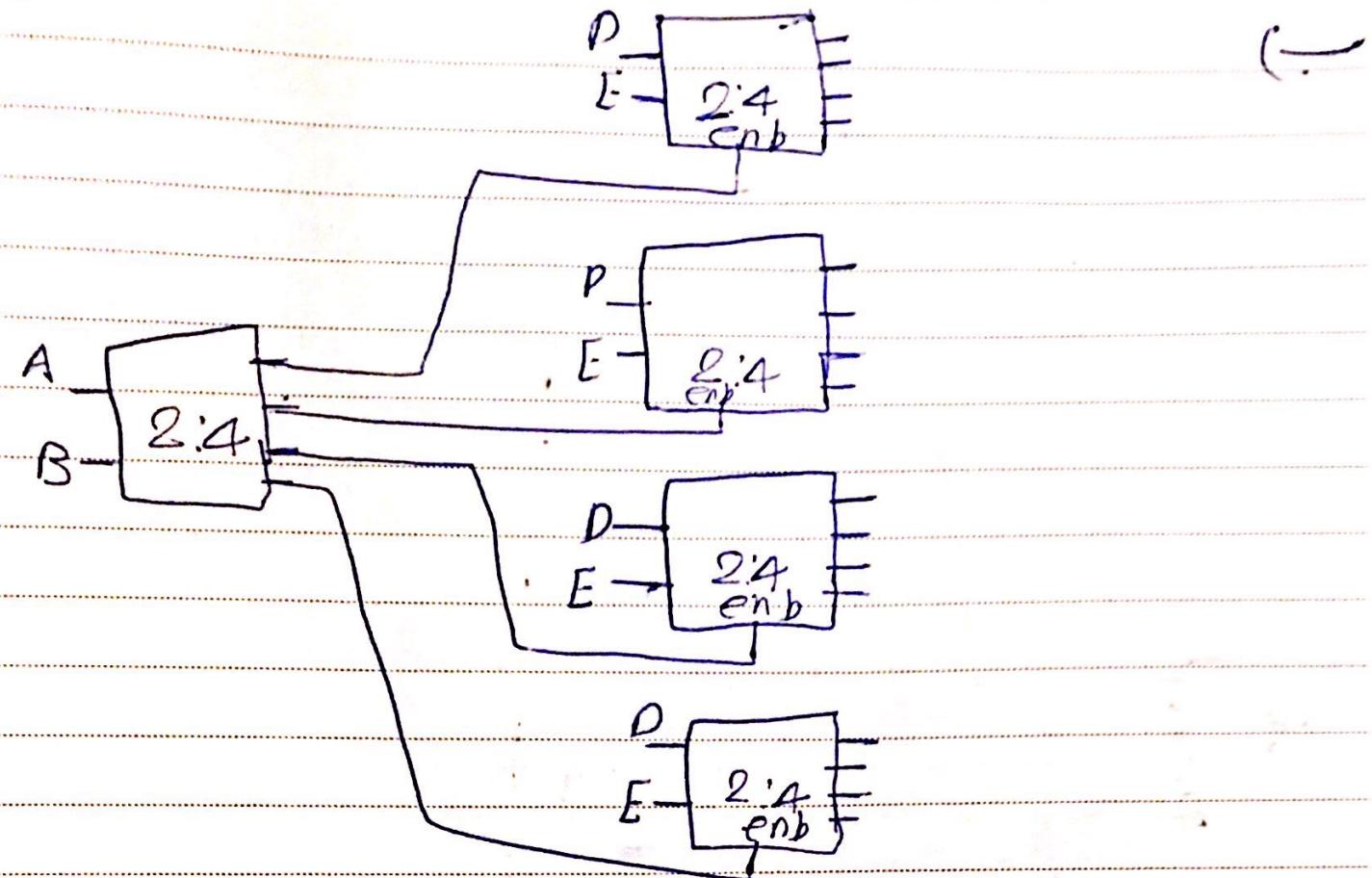


b)



col 5





الخطوة الأولى: إنشاء activeflows - F

~~الخطوة الأولى: إنشاء activeflows - F~~

الخطوة الأولى: إنشاء activeflows - F

$$(\overline{m_0}, \overline{m_1}, \overline{m_2}, \overline{m_{11}}) + (\overline{m_2}, \overline{m_{11}}, \overline{m_3}, \overline{m_{12}})$$

$$\Rightarrow ((w+x+y+z), (w+x+y+\bar{z}), (w+x+y+\bar{z}),$$

$$(\bar{w}+x+\bar{y}+\bar{z}) + ((\bar{w}+x+\bar{y}+\bar{z}) * (\bar{w}+x+\bar{y}+\bar{z}))$$

$$* (\bar{w}+\bar{x}+y+\bar{z}).(\bar{w}+\bar{x}+\bar{y}+z))$$

$$\overline{f} = (\bar{w} \bar{x} z) + (\bar{w} y z)$$

$$A^{\alpha} = g_{1\alpha} + g_{1\Sigma} + g_{1\pi} + g_{1\kappa} + g_{11} + g_{10} + g_9 + g_8$$

Act: 9:1-9; 14:1-14; 15:1-12; 16:1-12

g13 g14 + g15 + g16 + g17 + g18 + g19

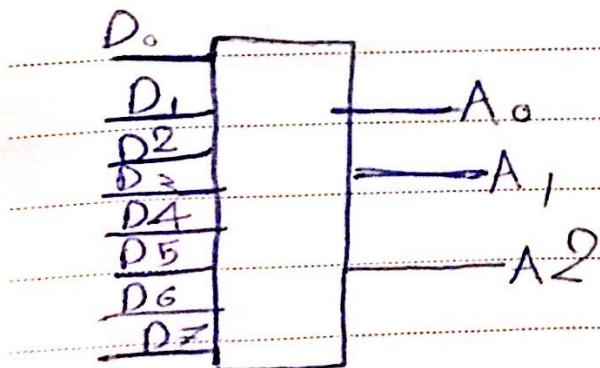
$$y_1 + y_2 + y_3 + y_4 + y_5 + y_6 + y_7 + y_8 + y_9 + y_{10}$$

$$g_1 + g_2 + g_3 + g_4 + g_5 + g_{11} + g_{15} + g_{18}$$

$$A2: D_4 \overline{D}_3 \overline{D}_2 \overline{D}_1 \overline{D}_0 + D_5 \overline{D}_3 \overline{D}_2 \overline{D}_1 \overline{D}_0 + D_6 \overline{D}_3 \overline{D}_2 \overline{D}_1 \overline{D}_0 \\ + D_7 \overline{D}_3 \overline{D}_2 \overline{D}_1 \overline{D}_0$$

$$A1: D_2 \overline{D_1} \overline{D_o} + D_3 \overline{D_1} \overline{D_o} + D_6 \overline{D_5} \overline{D_4} \overline{D_1} \overline{D_o} + \\ D_7 \overline{D_5} \overline{D_4} \overline{D_1} \overline{D_o}$$

$$A_8 = D_1 \overline{D}_0 + D_3 \overline{D} \overline{2} \overline{D}_0 + D_5 \overline{D} \overline{4} \overline{D} \overline{2} \overline{D}_0 + D_7 \overline{D} \overline{6} \overline{D} \overline{4} \overline{D} \overline{2} \overline{D}_0]$$



Subject:
Date

$$f_1 = a\bar{c} + bc$$

-4

$$f_2 = b\bar{c} + \bar{c}$$

\rightarrow

$$f = (\underbrace{b\bar{c} + \bar{c}}_0)(a\bar{c} + bc) + (b\bar{c} + \bar{c})(b\bar{c} + \bar{c}) = \underline{\underline{b\bar{c} + \bar{c}}}$$