



B) 1.1)

$$\overline{(AC+D)} + \overline{\bar{A}+B} + \overline{C(A+B)}$$

$$(AC+D)(\bar{A}+B) + C + \bar{A} + \bar{B}$$

$$(\bar{A}+B)AC + (\bar{A}+B)D + C + \bar{A} + \bar{B}$$

$$(\bar{A}+B)D + C + \bar{A}\bar{B}$$

$$D\bar{A} + DB + C + \bar{A}\bar{B}$$

$$DB + C + \bar{A}\bar{B}$$

Questão B) 1.1

b) 1.2)

$$(A + (\overline{B}C))(\overline{D} + \overline{B}E)$$

$$(A + \overline{B}C) \overline{D} + \overline{B}E$$

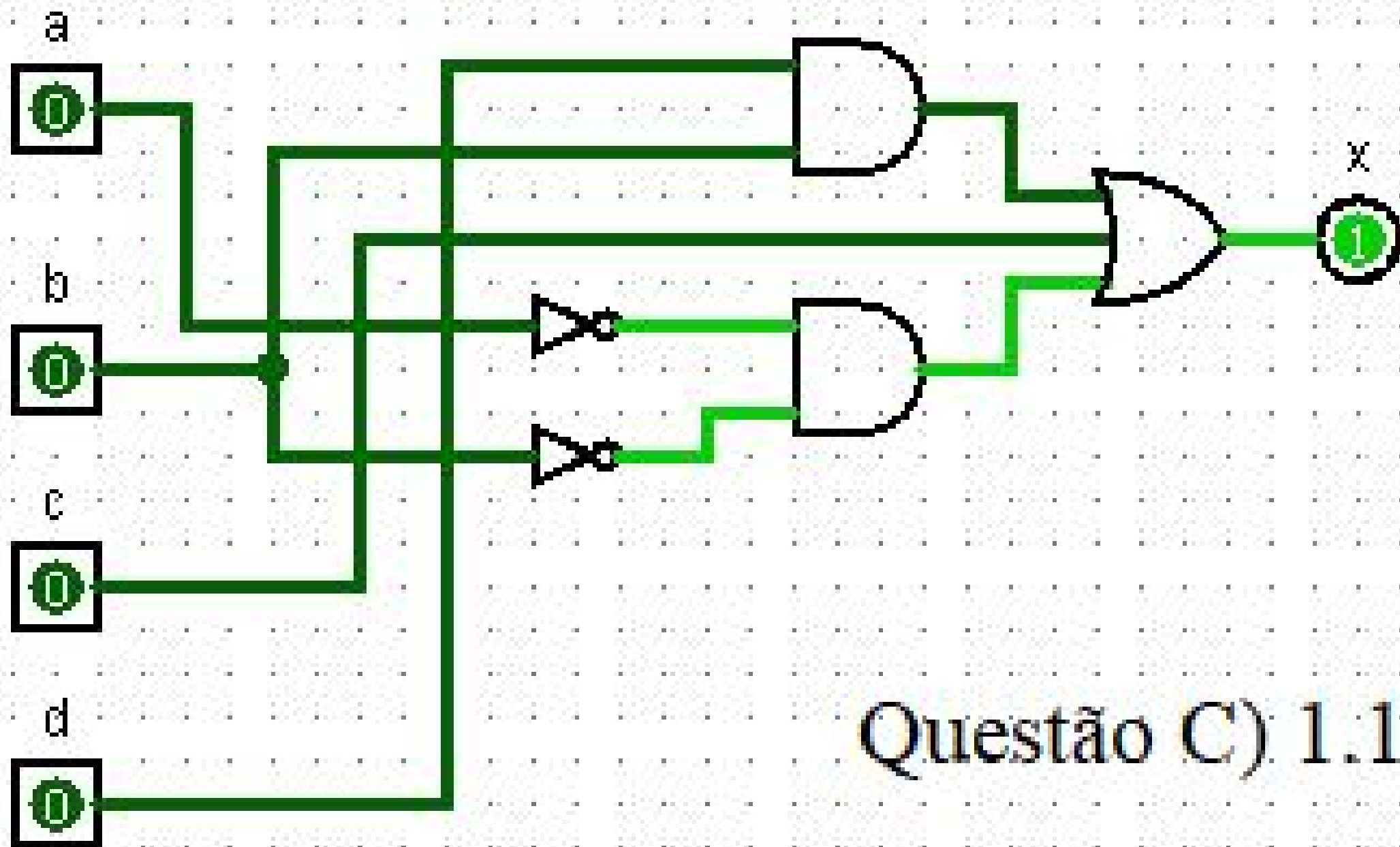
$$(A + \overline{B} + \overline{C}) \overline{D} (\overline{B} + E)$$

$$\overline{D} A \overline{B} + \overline{D} A E + \overline{D} \overline{B} \overline{B} + \overline{D} \overline{B} E + \overline{D} (\overline{B} + E) \overline{C}$$

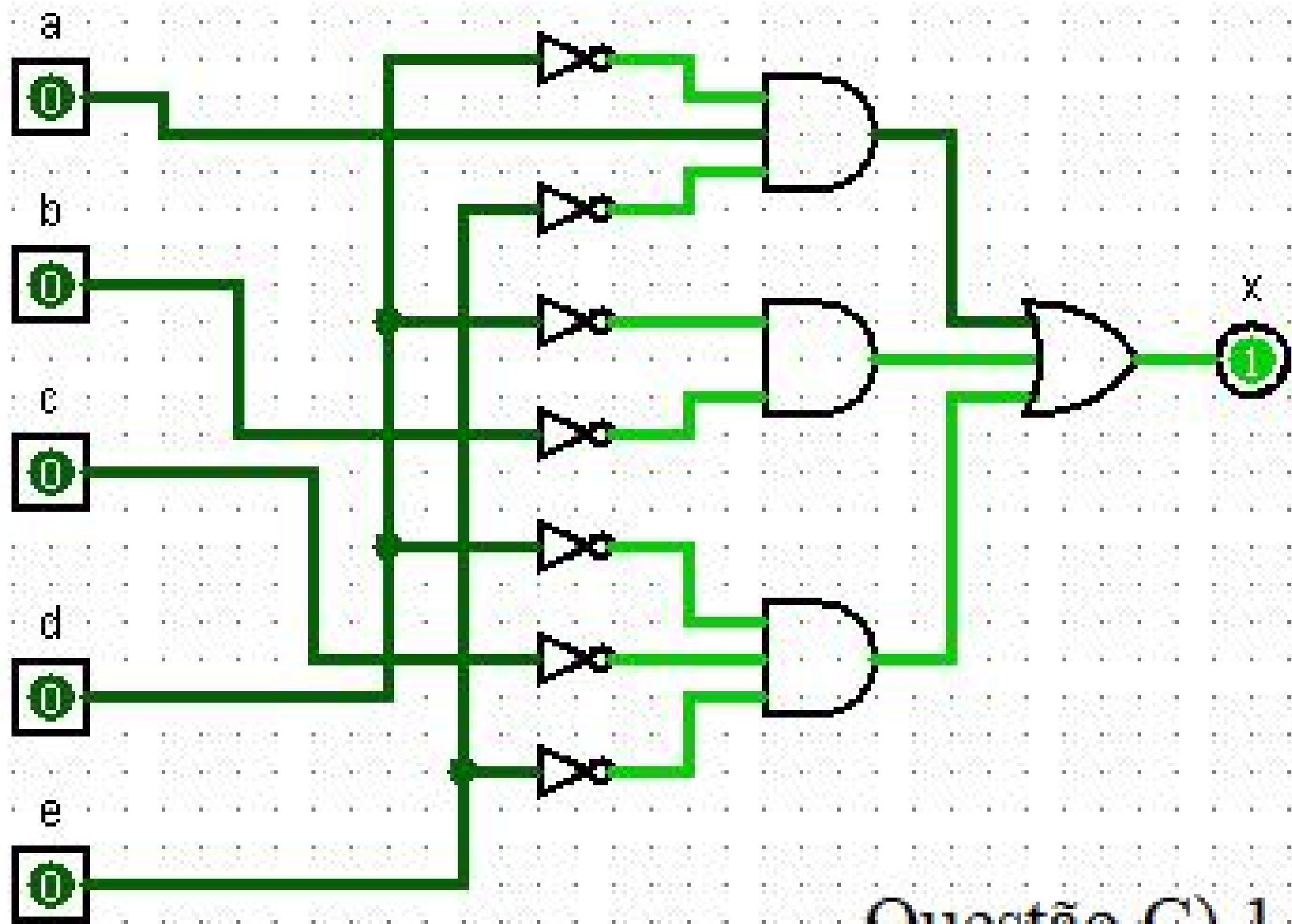
$$\overline{D} A E + \overline{D} \overline{B} + \overline{D} \overline{C} \overline{B} + \overline{D} \overline{C} E$$

$$\overline{D} A E + \overline{D} \overline{B} + \overline{D} \overline{C} E$$

Questão B) 1.2



Questão C) 1.1

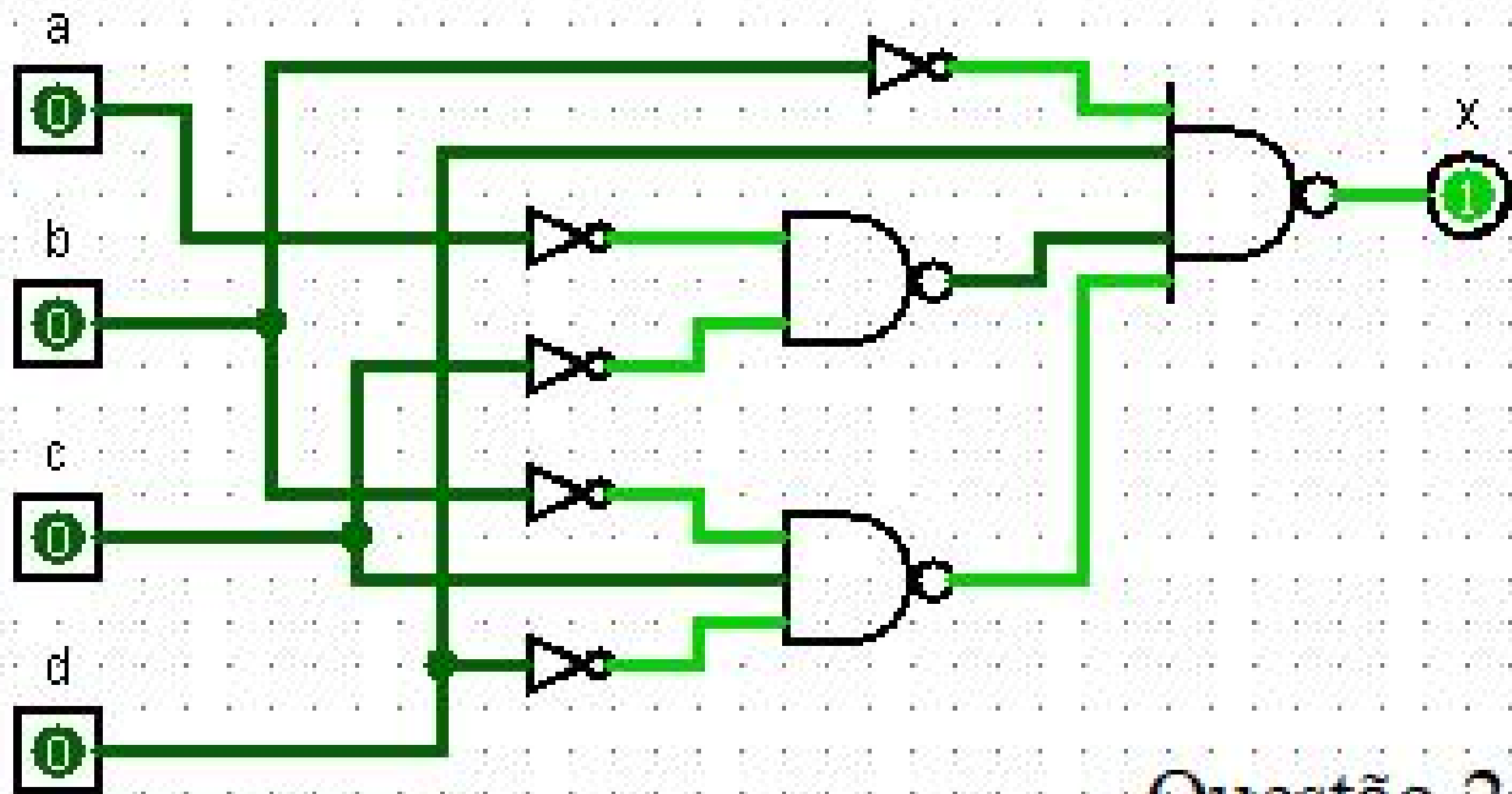


Questão C) 1.2

$$S = (\overline{BD}) \cdot (\overline{1 \cdot A}) \cdot (\overline{1 \cdot C}) \cdot (\overline{1 \cdot B}) \cdot C \cdot (\overline{1 \cdot D})$$

Questão 2





Questão 2