

QUESTÕES OBJETIVAS

QUESTÃO 20

Gab: A

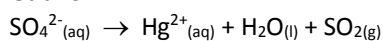
$$+6 -6 = 0$$



$$(+3)(-2)$$

QUESTÃO 21

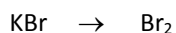
Gab: C



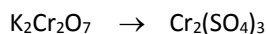
$$(+6)\dots\dots\dots\text{reduzido}\dots\dots\dots(+4)$$

QUESTÃO 22

Gab: C



$$(-1)\dots\text{oxidado}\dots(0)$$



$$(+6)\dots\text{reduzido}\dots(+3)$$

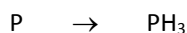
QUESTÃO 23

Gab: E

O fósforo sofre oxidação e redução (auto-redoxi), sendo que 3 mols oxidam para formar 3 mols do sal e 1 mol reduz a PH_3



$$(0)\dots\text{oxidado}\dots\dots\dots(+1)$$



$$(0)\dots\text{reduzido}\dots(-3)$$

QUESTÕES DISCURSIVAS

QUESTÃO 15

+2 -2	+1 +7 -8	+2 -2	-2 +2
K_2O_2	HMnO_4	Na_2O_4	F_2O
+1 -1	+1 +7 -2	+1 -0,5	-1 +2

QUESTÃO 16

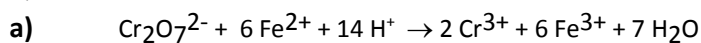
a) Gás carbônico = CO_2



$$(-2)\dots\dots\dots(+4)$$

$$\Delta\text{nox} = 6$$

QUESTÃO 17



$$(+6)\dots\dots\dots\text{I}\dots\dots\text{reduzido}\dots\dots(+3) \quad \text{I}$$

$$\quad \quad \quad \text{I} \quad \quad \quad \text{I}$$

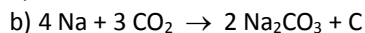
$$(+2)\dots\text{oxidado}\dots\dots\dots(+3)$$

$$\text{Carga} = (-2) + (+12) + (+14) = +24$$

b) Fe^{2+}

QUESTÃO 18

a) Na



$$(0)\dots\dots\text{oxidou}\dots\dots(+1)$$

$$\text{Na} = 1 \text{ elétron} \times 4 \text{ átomos} = 4 e^-$$

QUESTÃO 19

a) HgO

b) $\text{Zn} = +2$