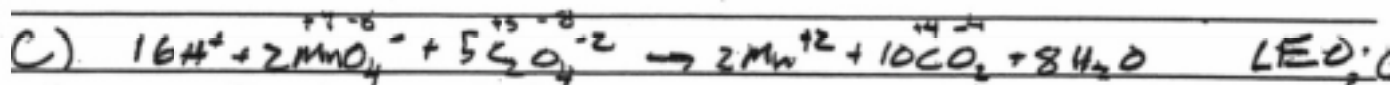


## ADDITIONAL PAGE FOR ANSWERING QUESTION 3.

$$\textcircled{b} \frac{735 \text{ mm Hg}}{760 \text{ mm Hg}} = .967 \text{ atm}$$

$$220^\circ + 273 = 493 \text{ K}$$

use  $PV = nRT$   $.967(V) = 1(-.0921)493$   
 $V = 41.9 \text{ L}$



①  $\text{C}_2\text{O}_4^{2-}$  is reducing  
because carbon gained electrons

②

③

$$\textcircled{d} .375 \text{ g BeCl}_2 \times \frac{1 \text{ mol}}{97.5 \text{ g BeCl}_2} = 3.56 \times 10^{-3} \text{ mol BeCl}_2$$

**STOP**

If you finish before time is called, you may check your work on this part only.  
Do not turn to the other part of the test until you are told to do so.