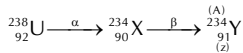


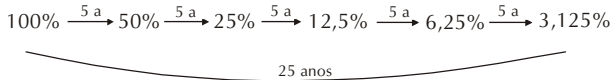
3ª Série / Vestibular QUÍMICA

GABARITO COMENTADO

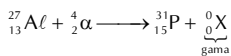
21. Letra B.



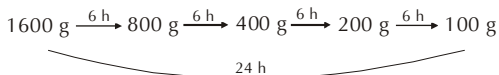
22. Letra A.



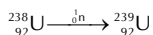
23. Letra E.



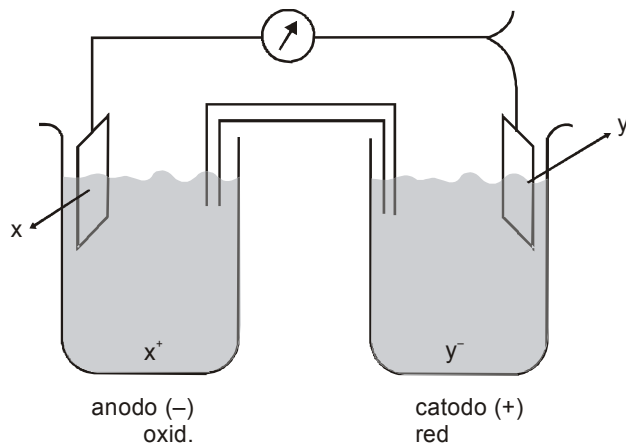
24. Letra C.



25. Letra E.



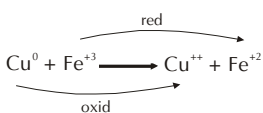
26. Letra E.



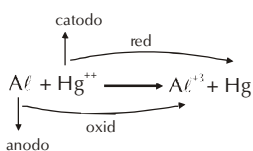
27. Letra D.

{ anodo (-): oxidação (perde e<sup>-</sup>)  
{ catodo (+): redução (ganha e<sup>-</sup>)

28. Letra A.

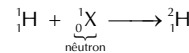


29. Letra E.

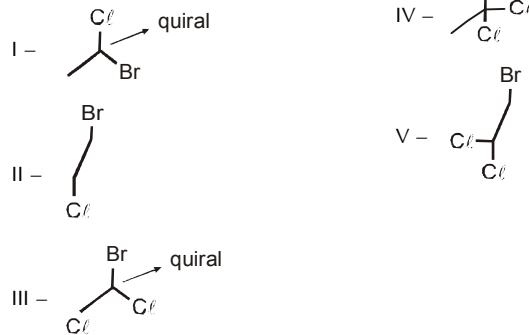


$\Delta E = 1,66 - (-85) \quad \Delta E = + 2,51 \text{ V}$

30. Letra B.

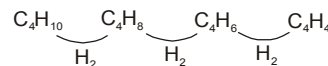


31. Letra D.



32. Letra E.

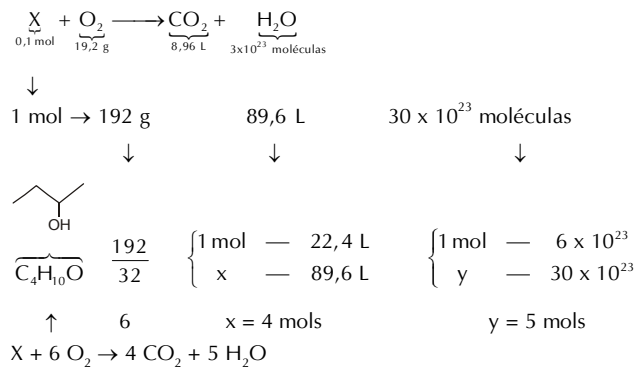
Isóloga → varia de H<sub>2</sub> (mesma função)



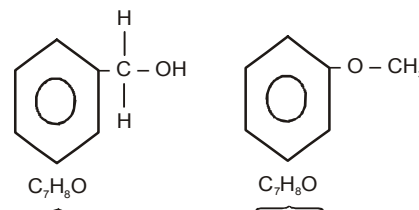
33. Letra E.

I - função (álcool e éter)  
II - posição (orto e meta)  
III - cadeia (normal e ramificada)

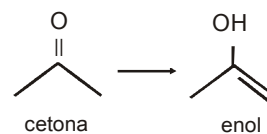
34. Letra C.



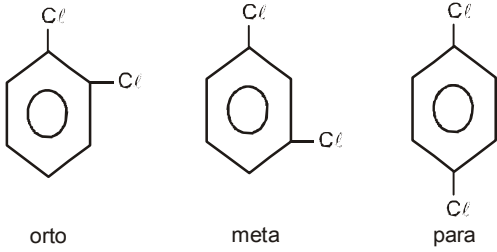
35. Letra A.



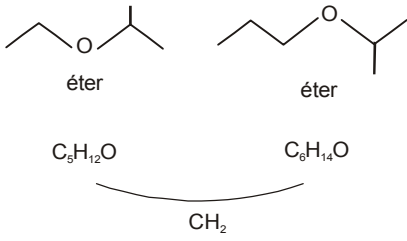
36. Letra B.



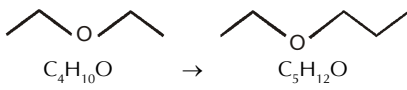
37. Letra B.



38. Letra D.



39. Letra A.



40. Letra C.

$$PV = nRT$$

$$0,5 \cdot 24,6 = 29/\text{mol} \cdot 0,082 \cdot 300$$

$$12,3 = \frac{713,4}{\text{mol}}$$

$$\text{mol} = 58 \text{ g (metil propano: } \underline{C_4H_{10}} \text{ )}$$

mol=48+10=58 g