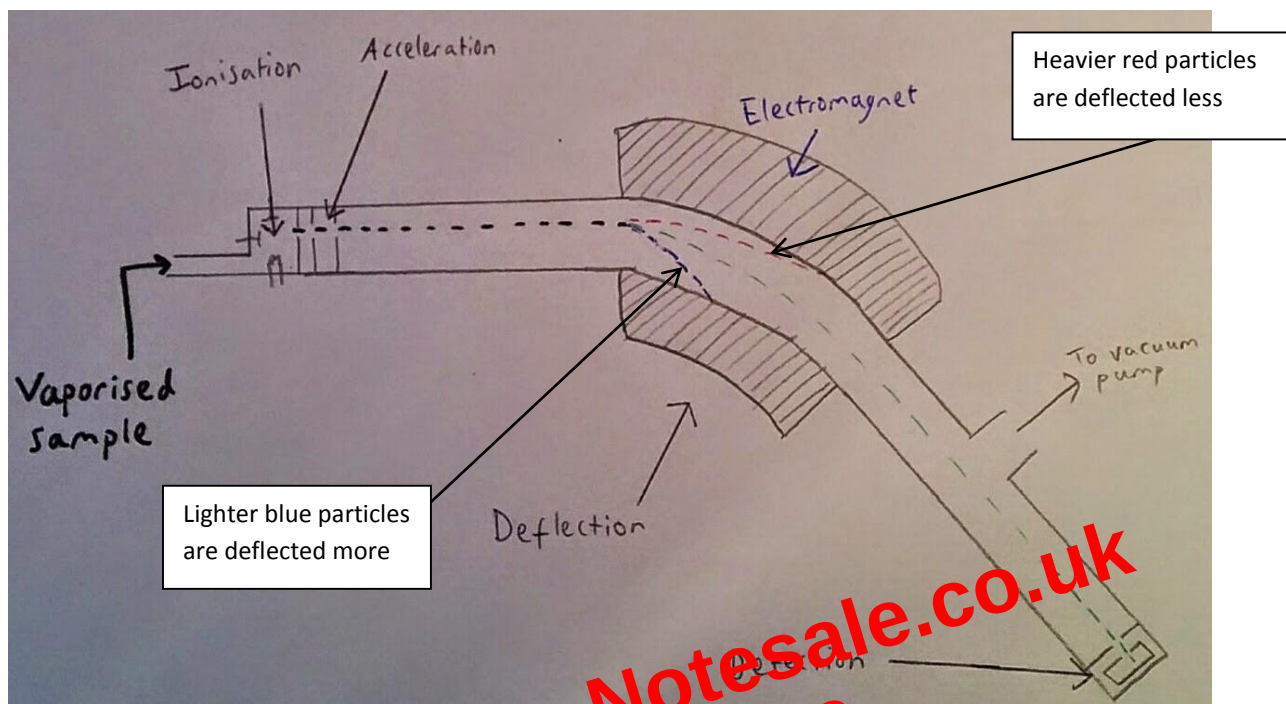


Atoms and Reactions

Mass Spectrometry



Remember VIADD: Vaporisation, Ionisation, Acceleration, Deflection, Detection

First Ionisation Energy is the energy required to remove one electron from each atom in one mole of gaseous atoms to form one mole of gaseous 1+ ions.

$$\% \text{ Error} = \frac{\text{no. of readings} \times \text{maximum error in each measurement}}{\text{quantity measured}} \times 100\%$$

- Litmus Paper is red in acid; blue in alkali!

Common Reactions:

