

17. In which of the following sets do all the **bolded** and underlined atoms have the same oxidation number?

- (i)  $\text{H}_2\text{O}$ ,  $\text{O}_2$ ,  $\text{H}_2\text{O}_2$   
(ii)  $\text{H}_2\text{O}_2$ ,  $\text{NaCl}$ ,  $\text{MgH}_2$   
(iii)  $\text{NaCl}$ ,  $\text{Li}_2\text{CO}_3$ ,  $\text{KOH}$   
(iv)  $\text{FeO}$ ,  $\text{Fe}_2\text{O}_3$ ,  $\text{Fe}$

- (a) i and iv only  
(b) ii and iii only  
(c) iv only  
(d) i, ii and iii only