

18 Which oxide has a simple structure rather than a giant structure?

- A** MgO **B** Al_2O_3 **C** SiO_2 **D** P_4O_{10}

18 Compound X is an oxide of a Period 3 element.

Compound X is a white solid at 25 °C. It reacts with water to form an acidic solution.

What is compound X?

- A** aluminium oxide
B silicon dioxide
C sulfur dioxide
D phosphorus(V) oxide

23 Element E is in Period 3. It forms a chloride which reacts with a small amount of water to produce a white precipitate and steamy fumes. This precipitate is soluble in $NaOH(aq)$ and in $HCl(aq)$.

What is element E?

- A** magnesium
B aluminium
C silicon
D phosphorus