

Name of the Student: _____

Max. Marks : 2 Marks

Time : 2 Minutes

Q1.

Which element forms an ionic oxide that reacts with strong alkalis?

A Aluminium ☐

B Magnesium ☐

C Sodium ☐

D Sulfur ☐

(Total 1 mark)

Q2.

Which is the formula of the main aluminium-containing species present when aluminium oxide is added to an excess of water?

A $[\text{Al}(\text{H}_2\text{O})_6]^{3+}(\text{aq})$ ☐

B $\text{Al}(\text{H}_2\text{O})_3(\text{OH})_3(\text{s})$ ☐

C $[\text{Al}(\text{H}_2\text{O})_2(\text{OH})_4]^{-}(\text{aq})$ ☐

D $\text{Al}_2\text{O}_3(\text{s})$ ☐

(Total 1 mark)