

Paper 4

Questions are applicable for both core and extended candidates unless indicated in the question

6 Copper is element 29 in the Periodic Table.

(a) Brass contains copper.

(i) Name the other metal in brass.

..... [1]

(ii) State the term given to a mixture of a metal with another element.

..... [1]

7 A list of substances is shown.

aluminium oxide

carbon dioxide

chlorine

diamond

ethanol

glucose

iron(III) oxide

limestone

nitrogen

oxygen

Answer the questions using the list of substances.

Each substance may be used once, more than once or not at all.

State which of the substances:

(e) is a gas used to convert iron into steel

..... [1]