

Paper 3**Questions are applicable for both core and extended candidates****1** This question is about iron.**(c)** Rust is hydrated iron(III) oxide.**(i)** Define the term hydrated.

.....

..... [1]

(ii) Name the **two** substances needed for iron to rust.

..... and [2]

2 Fig. 1.1 shows part of the Periodic Table.

I II												III	IV	V	VI	VII	VIII
																	He
Na	Mg											Al	C	N	O	Cl	
K	Ca						Fe			Cu						Br	
																I	

Fig. 1.1

Answer the following questions using only the elements in Fig. 1.1.

Each symbol of the element may be used once, more than once or not at all.

Give the symbol of the element that:

(f) is used in food containers because of its resistance to corrosion.

..... [1]

Paper 4

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

3 This question is about the first 30 elements in the Periodic Table.

Name the element which: **(extended only)**

(j) is used to galvanise iron. [1]