



Candidate

Chapter 13 : The Periodic Table Exam
IGCSE Chemistry

February 19th, 2025
30 minutes

~ PAPER TEST ~

1. Explain how the elements are arranged in the modern version of a Periodic Table by using the following key words to complete the passage:

atomic number groups horizontal increasing periods vertical

The elements in the modern version of the Periodic Table are arranged in ,
which are and which are .
The elements are also arranged in order of .

2. Describe reactivity with water trends of the first three elements of alkali metals.

3. Write a balanced symbol equation for the reaction with state symbols from one of alkali metals.



4. Complete the table, which shows the uses of elements in Groups I, VII and VIII.

Group	Element	Uses
I		Food seasoning, soap and detergent making
		Film blackener, nerve calming drug
VIII		Blue light filler, anesthesia
	K	

5. Complete the table, which shows the manufacture of noble gas elements.

Noble Gas	Manufacture
Ne	
Kr	
Rn	