

PERIODIC TABLE 3

MARK SCHEME

Q1.

Question	Answer	Extra information	Marks
(a)	2		1
(b)	2		1
Total marks			2

Q2.

Question	Answer	Extra information	Marks
A	1		
B	2		
C	4		
D	3		
Total marks			4

Q3.

Question	Answer	Extra information	Marks
	(because copper) is in the central/middle (block of the periodic table)		1
	whereas aluminium is in Group 3 (of the periodic table)		1
Total marks			2

Q4.

Question	Answer	Extra information	Marks
	<div style="display: flex; align-items: center;"> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">A metal with a low density that does not corrode easily</div> <div style="margin-left: 20px;"> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">Al</div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">Fe</div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">He</div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">Li</div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">O</div> </div> </div>		1
	<div style="display: flex; align-items: center;"> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">It has properties similar to those of sodium, Na</div> <div style="margin-left: 20px;"> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">Al</div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">Fe</div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">He</div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">Li</div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">O</div> </div> </div>		1
	<div style="display: flex; align-items: center;"> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">It is a transition metal</div> <div style="margin-left: 20px;"> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">Al</div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">Fe</div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">He</div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">Li</div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">O</div> </div> </div>		1
	<div style="display: flex; align-items: center;"> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">It is a noble gas</div> <div style="margin-left: 20px;"> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">Al</div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">Fe</div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">He</div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">Li</div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">O</div> </div> </div>		1
Total marks			4

