

AS Level Chemistry B
H033/01 Foundations of chemistry

Question Set 14

Multiple Choice Questions

1 What is the outer subshell electron configuration of an element in Group 16 of the Periodic Table?

A p^4

B p^5

C p^6

D p^{16}

Your answer

[1]

2 Geiger and Marsden fired α -particles at a gold foil. What happened in their experiment?

A The α -particles were scattered randomly.

B Most α -particles passed through undeflected.

C Many α -particles bounced back.

D No α -particles were deflected.

Your answer

[1]

3 Which statement about the flame colour of lithium is correct?

A It is yellow.

B It is caused by electrons absorbing visible light.

C It is the result of bright lines in lithium's emission spectrum.

D It follows a pattern of colours in Group 1.

Your answer

[1]

Total Marks for Question Set 14: 3

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