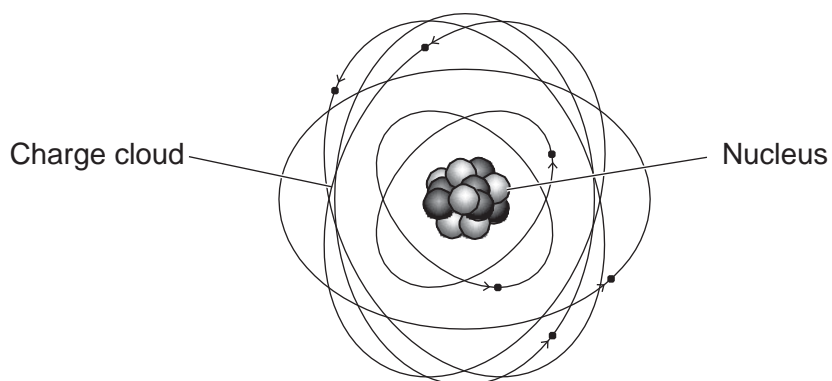


GCSE Chemistry A (Gateway Science)

J248/01 Chemistry A C1-C3 and C7 (Foundation Tier)

Question Set 20

1 Look at the diagram of an atom.



(a) Which particles are present in the charge cloud?

[1]

(b) Which **two** particles make up the nucleus?

..... and

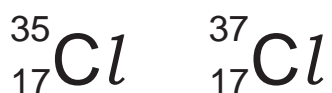
[1]

(c) Most of the mass of an atom is in the nucleus.

Explain why.

[2]

(d) Look at these two atoms of chlorine.



What is the relationship between these two atoms of chlorine?

Explain your answer.

[2]

Total Marks for Question Set 20: 6

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