

GCSE Physics A (Gateway)

J249/02 Physics A P5-P8 and P9 (Foundation Tier)

Question Set 15

- **1** Atoms can absorb and emit electromagnetic radiation.
 - (a) Describe **two** possible effects on an electron in an atom when it absorbs electromagnetic radiation.
 - (b) Alpha radiation is **not** emitted in the processes in part (a).

Explain why.

[2]

[2]

Total Marks for Question Set 15: 4



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