ERRATA

Raphex 2006

Examination Booklet

Page 6, question G39   Change response D (Radon-226) to "Radon-222."

Page 31, question D86   Omit "per minute (cpm)" at the end of the first line.

Answer Booklet

Page 2, answer G23   E is also not true.

Page 5, answer G60   In general, the probability of photoelectric interactions is proportional to Z^3. However, hydrogen is unlike other elements in the ratio of Z to A, which is 1:1, instead of approximately 1:2 for other elements. Thus, to demonstrate the Z^3 rule, a different element should be used as an example.

Page 10, answer D14   D and B are both correct

Page 17, answer D63   The answer should be B, not C. Answer C would be correct if it stated "140 ±4%."

04-2017

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