

- 30** A student claims that certain types of radiation carry enough energy to break bonds between molecules and ionise atoms, and so causes “radiation sickness”.

Which of the following statements with regard to the above claim is correct?

- A** Radiation sickness can be caused by microwaves.
- B** Ionising radiation can consist of gamma rays, alpha particles and beta particles.
- C** Ionising radiation cannot consist of alpha particles and beta particles as these are not waves.
- D** Radiation sickness can only be caused by human-made radiation and not by natural sources of radiation.

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