

30 A person is accidentally exposed to radiation from a source placed on the outside of the skin.

Measurements show that no radiation passes through the person.

A few days after exposure, reddening of the outside part of the skin is observed and there is some damage to the cells in tissue below the surface of the skin.

Which type of radiation caused this damage?

- A** α -particles only
- B** β -particles only
- C** γ rays only
- D** all of α -particles, β -particles and γ rays

