

39 Which statement about β^- decay is correct?

- A** A neutron changes to a proton in the nucleus and an electron and an antineutrino are emitted.
- B** A neutron changes to a proton in the nucleus and an electron and a neutrino are emitted.
- C** A proton changes to a neutron in the nucleus and an electron and an antineutrino are emitted.
- D** A proton changes to a neutron in the nucleus and an electron and a neutrino are emitted.

40 What is the mass number of the isotope of lead, ^{210}Pb ?