

- 29** In the Rutherford scattering experiment, most of the α -particles passed through the foil with small deflection. Which one of the following is a correct conclusion from this result?
- A** The atom is overall electrically neutral.
 - B** The nucleus is positively charged.
 - C** The diameter of the nucleus is much less than the diameter of the atom.
 - D** Mass of electrons is negligible compared to the mass of nucleus.