

Q5. Which of the following statements about the electron is incorrect?

(a) It is a negatively charged particle.

(b) The mass of electron is equal to the mass of neutron.

(c) It is a basic constituent of all atoms.

(d) It is a constituent of cathode rays.

Sol: (b) The mass of electron is very small as compared to the mass of the neutron. Mass of electron = 9.1×10^{-31} kg Mass of neutron = 1.674×10^{-27} kg