

Q6. Which of the following properties of atom could be explained correctly by Thomson Model of atom?

(a) Overall neutrality of atom.

(b) Spectra of hydrogen atom.

(c) Position of electrons, protons and neutrons in atom.

(d) Stability of atom.

Sol: (a) According to Thomson model of atom, the mass of the atom is assumed to be uniformly distributed over the atom. This model was able to explain the overall neutrality of the atom.