

2nd Annee English Exam Correction

Q₁: The title of the text → Atomic Structure - Protons, Neutrons and Electrons. (3,5)

Q₂ → (i) → The nucleus of an atom is the central part of the atom. It consists of protons and neutrons and accounts for the whole of the mass of the atom.

(ii) → A proton is a very heavy sub-atomic particle with positive e^+

charge. A neutron is a very heavy sub-atomic particle with no electric charge, it is found in the nucleus of most atoms.

(iii) → An electron is very light sub-atomic particle with negative e^- charge. It orbits around the nucleus of an atom.

(iv) → A proton or a neutron is almost 2000 times heavier than an electron.

Q₃ (i) → The nucleus (which contains 7 heavy particles) is mainly responsible for the mass of the Li .

(ii) → The e^- orbiting the nucleus are mainly responsible for the way the lithium atom interacts with other atoms (that is, for the chemical reactions of Li)

Q₄: The aspects of chemistry that are important in everyday life -
 (i) → "Chemistry is life."

Q₅:
 a → present perfect (1,5)
 b → present perfect (1,5)
 c → present perfect (1,5)