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2012-03-07

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**The Electron** - Robert Andrews Millikan 1917

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- Cristina Hava Muntean 2019-09-23

This book presents innovative technology-enhanced learning solutions for STEM education proposed by the EU Horizon 2020-funded NEWTON project by first highlighting the benefits and limitations of existing research work, e-learning systems and case studies that embedded technology in the teaching and learning process. NEWTON's proposed innovative technologies and pedagogies include adaptive multimedia and multiple sensorial media, virtual reality, fabrication and virtual labs, gamification, personalisation, game-based learning and self-directed learning pedagogies. The main objectives are to encourage STEM education among younger generations and to attract students to STEM subjects, making these subjects more appealing and interesting. Real life deployment of NEWTON technologies and developed educational materials in over 20

European educational institutions at primary, secondary and tertiary levels demonstrated statistical significant increases in terms of learner satisfaction, learner motivation and knowledge acquisition.

**General Chemistry** - James P. Birk 1994-03

## **Electronic Devices Multiple Choice Questions and Answers (MCQs)** - Arshad Iqbal

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and Bases MCQs" covers topics of acid rain, acidity needs water, acidity or alkalinity, acids properties and reactions, amphoteric oxides, basic acidic neutral and amphoteric, chemical formulas, chemical reactions, chemistry reactions, college chemistry, mineral acids, general properties, neutralization, ordinary level chemistry, organic acid, pH scale, acid and alkali, properties, bases and reactions, strong and weak acids, and universal indicators. The chapter "Chemical Bonding and Structure MCQs" covers topics of ions and ionic bonds, molecules and covalent bonds, evaporation, ionic and covalent substances, ionic compounds, crystal lattices, molecules and macromolecules, organic solvents, polarization, and transfer of electrons. The chapter "Chemical Formulae and Equations MCQs" covers topics of chemical formulas, chemical equations, atomic mass, ionic equations, chemical reactions, chemical symbols, mixtures and compounds, molar mass, percent composition of elements, reactants,

relative molecular mass, valency and chemical formula, and valency table. The chapter "Electricity MCQs" covers topics of chemical to electrical energy, applications of electrolysis, reactions, conductors and non-conductors, dry cells, electrical devices, circuit symbols, electrolytes, non-electrolytes, organic solvents, polarization, and valence electrons. The chapter "Electricity and Chemicals MCQs" covers topics of chemical to electrical energy, dry cells, electrolyte, non-electrolyte, and polarization. The chapter "Elements, Compounds and Mixtures MCQs" covers topics of elements, compounds, mixtures, molecules, atoms, and symbols for elements.

Chemistry 2e - Paul Flowers 2019-02-14

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*Earth Science Multiple Choice Questions and Answers (MCQs) - Arshad Iqbal*

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### **Zoology Multiple Choice Questions and Answers (MCQs) - Arshad Iqbal 2020**

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