

Deficiency exam chemistry HAS University

Topics for the chemistry exam will be:

- compound, element, periodic table, atom, neutron, proton, electron, ion.
- chemical bonding, intermolecular forces, H-bond
- reaction, balancing chemical equations, mole, molarity, concentration, mass percentage
- carbon compounds (structural formula, name, solubility)
- ionic compounds/salts (name, formula, solubility)
- acids/bases: reactions, pH calculation, titration calculations
- oxidation/reduction: reaction equations, titration calculations

Chemistry on the internet

A site with a short explanation about a lot of topics in chemistry:

<http://www.usetute.com.au/index.html>

About pure substances, compound and elements:

<http://www.usetute.com.au/puresubs.html>

<http://www.usetute.com.au/elements.html>

About names and formula's of salts and about equations:

<http://www.usetute.com.au/namiform.html>

<http://www.usetute.com.au/wriiform.html>

<http://www.usetute.com.au/balcheme.html>

About molecular mass; mass percentages :

<http://www.usetute.com.au/mcalcul.html>

<http://www.usetute.com.au/percentc.html>

About the definition of Mole, mole mass and calculations:

<http://www.usetute.com.au/moledefs.html>

<http://www.usetute.com.au/massmole.html>

<http://www.usetute.com.au/concsols.html>

<http://www.usetute.com.au/molreact.html>

About oxidation/reduction and acids/bases:

<http://www.usetute.com.au/redox.html>

<http://www.usetute.com.au/acidbase.html>

<http://www.usetute.com.au/phscale.html>

About titrations:

<http://www.usetute.com.au/titrcalc.html>

<http://www.usetute.com.au/redoxitr.html>

Information about elements and the periodic table:

<http://www.chemicalelements.com/>