

CHEMISTRY CHECKLIST



NAMING AND IUPAC

This is a commonly permuted on the GAMSAT in different forms.



GAS, LIQUID, SOLID PHASE BEHAVIOUR

Consider the way gases and liquids interact, conversion to solid.



MOLECULAR SHAPES

sp², sp³ Hybridisation, Angles between bonds and more.



GIBBS FREE ENERGY

Thermodynamics, Enthalpy, Entropy, Equilibrium.



REACTION RATES

Rate expression, constant, K vs. Q, constant, different orders.



ACID AND BASE REACTIONS

Henderson-Hasselbach, Electrochemistry, Indicators.



FUNCTIONAL GROUPS

Understanding all the different groups, carbonyl, carboxylic etc.



CORE REACTIONS

Addition, Oxidation, Reduction, Substitution etc.



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Fraser's

GAMSAT TUITION

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good luck