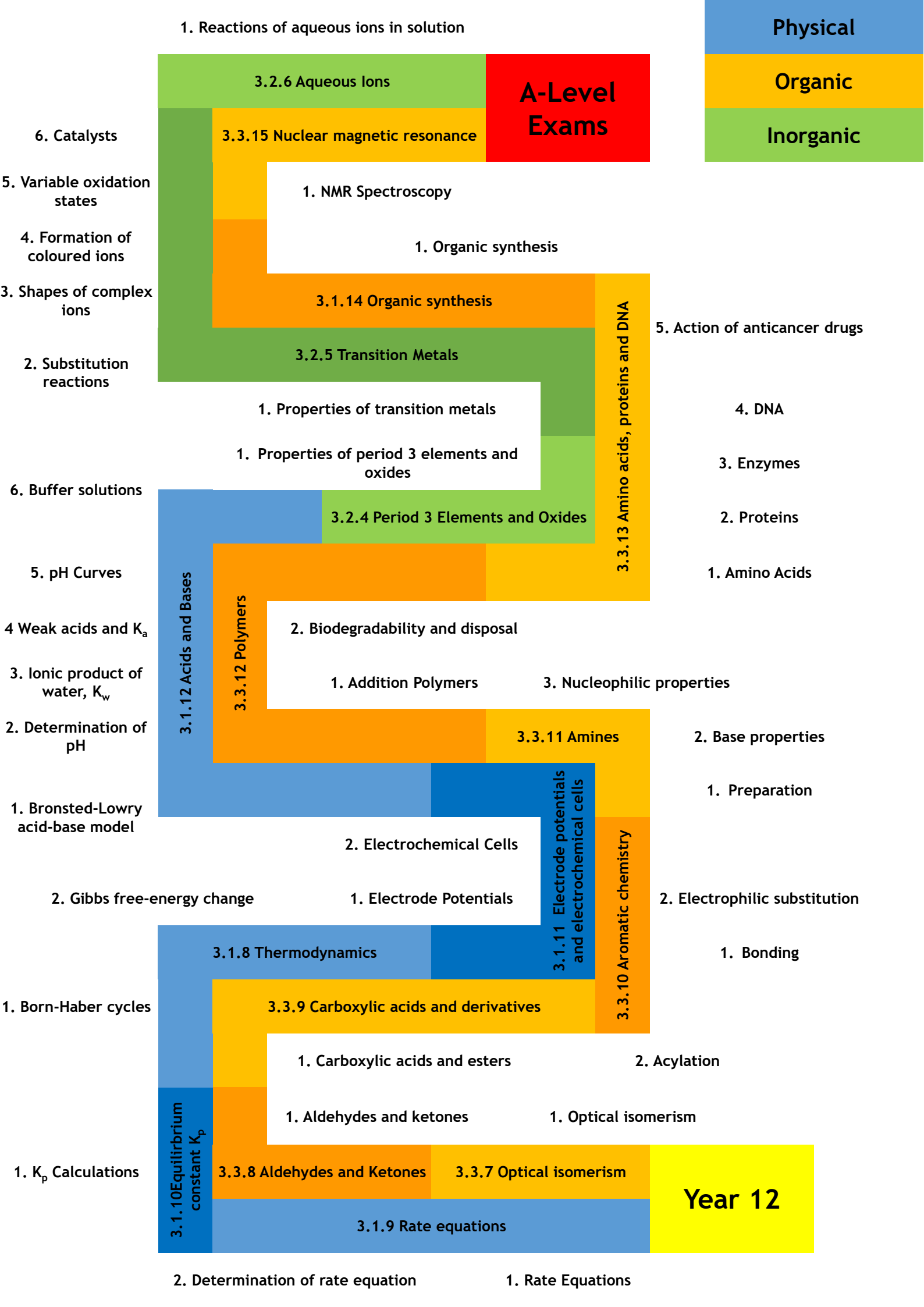
1. Reactions of aqueous ions in solution
Physical
Organic
Inorganic
3.2.6 Aqueous Ions
A-Level Exams
6. Catalysts
3.3.15 Nuclear magnetic resonance
5. Variable oxidation states
1. NMR Spectroscopy
4. Formation of coloured ions
1. Organic synthesis
3. Shapes of complex ions
3.1.14 Organic synthesis
5. Action of anticancer drugs
2. Substitution reactions
3.2.5 Transition Metals
1. Properties of transition metals
4. DNA
1. Properties of period 3 elements and oxides
3. Enzymes
6. Buffer solutions
3.2.4 Period 3 Elements and Oxides
2. Proteins
3.3.13 Amino acids, proteins and DNA
5. pH Curves
1. Amino Acids
3.1.12 Acids and Bases
3.3.12 Polymers
4 Weak acids and Ka
2. Biodegradability and disposal
3. Ionic product of water, Kw
1. Addition Polymers
3. Nucleophilic properties
2. Determination of pH
3.3.11 Amines
2. Base properties
1. Preparation
1. Bronsted-Lowry acid-base model
2. Electrochemical Cells
3.1.11 Electrode potentials and electrochemical cells
2. Gibbs free-energy change
1. Electrode Potentials
2. Electrophilic substitution
3.1.8 Thermodynamics
1. Bonding
3.3.10 Aromatic chemistry
1. Born-Haber cycles
3.3.9 Carboxylic acids and derivatives
1. Carboxylic acids and esters
2. Acylation
1. Aldehydes and ketones
1. Optical isomerism
3.1.10Equilirbrium constant Kp
1. Kp Calculations
3.3.8 Aldehydes and Ketones
3.3.7 Optical isomerism
Year 12
3.1.9 Rate equations
2. Determination of rate equation
1. Rate Equations