

Chemistry Paper 2 (Separate Chemistry)

Do you know your Chemistry?				
3.Rates, equilibrium, and organic chemistry		R	A	G
C8 Rates and equilibrium				
C8.1	Rate of reaction			
C8.2	Collision theory and surface area			
C8.3	The effect of temperature			
C8.4	The effect of concentration and pressure			
C8.5	The effect of catalysts			
C8.6	Reversible reactions			
C8.7	Energy and reversible reactions			
C8.8	Dynamic equilibrium			
C8.9	Altering conditions			
TOTAL				

Do you know your Chemistry?				
3.Rates, equilibrium, and organic chemistry		R	A	G
C9 Crude oil and fuels				
C9.1	Hydrocarbons			
C9.2	Fractional distillation of oil			
C9.3	Burning hydrocarbon fuel			
C9.4	Cracking hydrocarbons			
TOTAL				

Do you know your Chemistry?				
3.Rates, equilibrium, and organic chemistry		R	A	G
C10 Organic reactions				
C10.1	Reactions of the alkenes			
C10.2	Structures of alcohols, carboxylic acids, and esters			
C10.3	Reactions and uses of alcohols			
C10.4	Carboxylic acids and esters			
TOTAL				

Do you know your Chemistry?				
3.Rates, equilibrium, and organic chemistry		R	A	G
C11 Polymers				
C11.1	Addition polymerisation			
C11.2	Condensation polymerisation			
C11.3	Natural polymers			
C11.4	DNA			
TOTAL				

Do you know your Chemistry?			
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4 Analysis and the Earth's resources.		R	A	G
C12 Chemical analysis				
C12.1	Pure substances and mixtures			
C12.2	Analysing chromatograms			
C12.3	Testing for gases			
C12.4	<i>Tests for positive ions</i>			
C12.5	<i>Tests for negative ions</i>			
C12.6	<i>Instrumental analysis</i>			
TOTAL				

Do you know your Chemistry?				
4 Analysis and the Earth's resources.		R	A	G
C13 The Earth's atmosphere				
C13.1	History of our atmosphere			
C13.2	Our evolving atmosphere			
C13.3	Greenhouse gases			
C13.4	Global climate change			
C13.5	Atmospheric pollutants			
TOTAL				

Do you know your Chemistry?				
4 Analysis and the Earth's resources.		R	A	G
C14 The Earth's resources				
C14.1	Finite and renewable resources			
C14.2	Water safe to drink			
C14.3	Treating waste water			
C14.4	Extracting metals from ores			
C14.5	Life cycle assessments			
C14.6	Reduce, reuse and recycle			
TOTAL				

Do you know your Chemistry?				
4 Analysis and the Earth's resources.		R	A	G
C15 Using our resources				
C15.1	<i>Rusting</i>			
C15.2	<i>Useful alloys</i>			
C15.3	<i>The properties of polymers</i>			
C15.4	<i>Glass, ceramics and composites</i>			
C15.5	<i>Making ammonia-- the Haber process</i>			
C15.6	<i>The economics of the Haber process</i>			
C15.7	<i>Making fertilisers in the lab</i>			
C15.8	<i>Making fertilisers in industry</i>			
TOTAL				