



General Certificate of Secondary Education

Science A 4461

Chemistry 4421

CHY1B F & H

Objective Test Answer Keys

March 2007 examination series

Answer keys are prepared by the Principal Examiner and considered, together with the relevant questions, by a panel of subject teachers.

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CHY1B (Oils, Earth and Atmosphere) Foundation Tier

Question	Key			
One	A	alkanes	2	
	B	fuels	1	
	C	monomers	4	
	D	polymers	3	
Two	A	carbon dioxide	1	
	B	nitrogen	3	
	C	noble gases	4	
	D	oxygen	2	
Three	A	ethanol	2	
	B	ethene	4	
	C	helium	1	
	D	poly(propene)	3	
Four	A	bromine	2	
	B	hydrogen	3	
	C	nickel	4	
	D	water	1	
Five	A	analysis	2	
	B	combustion	4	
	C	condensation	3	
	D	convection	1	
Six	A	hydrocarbons undergo thermal decomposition	3	
	B	hydrocarbons are heated	1	
	C	hydrocarbons vaporise	2	
	D	small hydrocarbon molecules	4	
	A	B	C	D
Seven	3	1	3	3
Eight	3	4	4	1
Nine	2	2	2	4

CHY1B (Oils, Earth and Atmosphere) Higher Tier

Question	Key			
One	A	hydrocarbons undergo thermal decomposition		3
	B	hydrocarbons are heated		1
	C	hydrocarbons vaporise		2
	D	small hydrocarbon molecules		4
Two	A	2		
	B	4		
	C	3		
	D	1		
	A	B	C	D
Three	3	4	4	1
Four	2	2	2	4
Five	4	4	3	1
Six	3	2	4	2
Seven	2	3	3	2
Eight	4	4	2	3
Nine	4	1	3	4