



GCSE

Science A (4461)

Specification A

CHY1BP, CH1BSF & CH1BSH

Mark Scheme

2008 Examination – June Series

This component is an objective test for which the following list indicates the correct answers used in marking the candidates' responses.

Further copies of this Mark Scheme are available to download from the AQA Website: www.aqa.org.uk

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GCSE
SCIENCE A (4461)/CHEMISTRY (4421)
 Objective Test Answer Key
CHY1B (Oils, Earth and Atmosphere)
 Foundation Tier

Question	Key			
One	A	Layer A	1	
	B	Layer B	2	
	C	Layer C	3	
	D	Layer D	4	
Two	A	vegetable oil	2	
	B	hydrogenated vegetable oil	1	
	C	an emulsifier	4	
	D	E160	3	
Three	A	Carbon dioxide	2	
	B	Nitrogen	1	
	C	Oxygen	3	
	D	Water vapour	4	
Four	A	Location A	1	
	B	Location B	2	
	C	Location C	3	
	D	Location D	4	
Five	A	C ₈ H ₁₈	4	
	B	C ₂ H ₄	2	
	C	C ₃ H ₈	1	
	D	C ₃ H ₆	3	
Six	A	catalysis	2	
	B	polymerisation	3	
	C	combustion	4	
	D	thermal decomposition	1	
	A	B	C	D
Seven	1	3	3	4
Eight	1	1	4	1
Nine	2	3	4	3

GCSE
SCIENCE A (4461)/CHEMISTRY (4421)
 Objective Test Answer Key
CHY1B (Oils, Earth and Atmosphere)
 Higher Tier

Question	Key			
One	A	catalysis		2
	B	polymerisation		3
	C	combustion		4
	D	thermal decomposition		1
Two	A	Carbon compound A		4
	B	Carbon compound B		2
	C	Carbon compound C		3
	D	Carbon compound D		1
	A	B	C	D
Three	1	1	4	1
Four	2	3	4	3
Five	1	4	3	1
Six	2	1	2	2
Seven	4	4	1	3
Eight	1	1	3	1
Nine	1	3	3	2