



GCSE

Science A (4461)

Specification A

CHY1AP, CH1ASF & CH1ASH

Mark Scheme

2008 Examination – November 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
CHY1AP (Products from Rocks)
 Foundation Tier

Question	Key			
One	A	decomposing	4	
	B	heating	3	
	C	quarrying	1	
	D	building	2	
Two	A	a nucleus	1	
	B	a compound	4	
	C	a group	3	
	D	an element	2	
Three	A	hydrogen, H ₂	1	
	B	ammonia, NH ₃	4	
	C	methane, CH ₄	2	
	D	carbon monoxide, CO	3	
Four	A	a mixture	2	
	B	expensive to extract from its ore	1	
	C	a good conductor	4	
	D	hard-wearing	3	
Five	A	alkane A	4	
	B	alkane B	1	
	C	alkane C	3	
	D	alkane D	2	
	A	B	C	D
Six	2	3	2	1
Seven	1	2	*	4
Eight	4	2	3	3
Nine	2	3	3	3

* This question was removed from the mark scheme and this test was marked out of 35.

GCSE
SCIENCE A (4461)/CHEMISTRY (4421)
 Objective Test Answer Key
CHY1AP (Products from Rocks)
 Higher Tier

Question	Key			
One	A	alkane A		4
	B	alkane B		1
	C	alkane C		3
	D	alkane D		2
Two	A	It is a pure metal.		1
	B	It is the alloy that contains only two metals.		2
	C	It is a low carbon steel alloy.		3
	D	It is the alloy that contains the most different elements.		4
	A	B	C	D
Three	4	2	3	3
Four	2	3	3	3
Five	3	1	2	1
Six	4	1	1	3
Seven	4	1	2	3
Eight	3	4	3	1
Nine	1	2	3	4