

GCSE

Science A (4461) / Chemistry (4421)

Specification A

CHY1AP, CH1ASF & CH1ASH

Mark Scheme

2011 Examination – March Series

The blank answer sheet for this component can be found at the end of this document.

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

Copyright $\ensuremath{\textcircled{O}}$ 2011 AQA and its licensors. All rights reserved.

COPYRIGHT

AQA retains the copyright on all its publications. However, registered centres for AQA are permitted to copy material from this booklet for their own internal use, with the following important exception: AQA cannot give permission to centres to photocopy any material that is acknowledged to a third party even for internal use within the centre.

Set and published by the Assessment and Qualifications Alliance.

The Assessment and Qualifications Alliance (AQA) is a company limited by guarantee registered in England and Wales (company number 3644723) and a registered charity (registered charity number 1073334). Registered address: AQA, Devas Street, Manchester M15 6EX

GCSE SCIENCE A (4461) / CHEMISTRY (4421)

Objective Test Answer Key

CHY1AP (Products from Rocks)

March 2011

Foundation Tier

Question	Кеу								
	A Aluminium								
One	B Calc	B Calcium							
One	C Cop	Copper							
	D Iron	Iron							
		revina loc	de te less of behitet	nlue increased		4			
		A Quarrying leads to loss of habitat plus increased							
Two		B Quarrying provides much needed jobs.							
	C Quarrying satisfies society's need for limestone and its products.								
	D Lake	es, climbi	ng walls and picnic a	reas can be created		1			
	A Cark	on				1			
Three	B Gold	Gold							
	C Mag	Magnesium							
	D Zinc					3			
	A Etha	no				1			
	B Pent	-				3			
Four									
	D Dou	ecane				2			
	A Cart	Carbon monoxide (CO) / Substance A							
Five	B Hydr	Hydrogen (H ₂) / Substance B							
	C Meth	Methane (CH ₄) / Substance C							
	D Hydr	Hydrogen sulfide (H_2S) / Substance D							
	Α		B	С	D				
Six	2		4	1	3				
Seven	4		2	2	4				
Eight	1		2	- 1	4				
Nine	4 3 2 2								

GCSE SCIENCE A (4461) / CHEMISTRY (4421)

Objective Test Answer Key

CHY1AP (Products from Rocks)

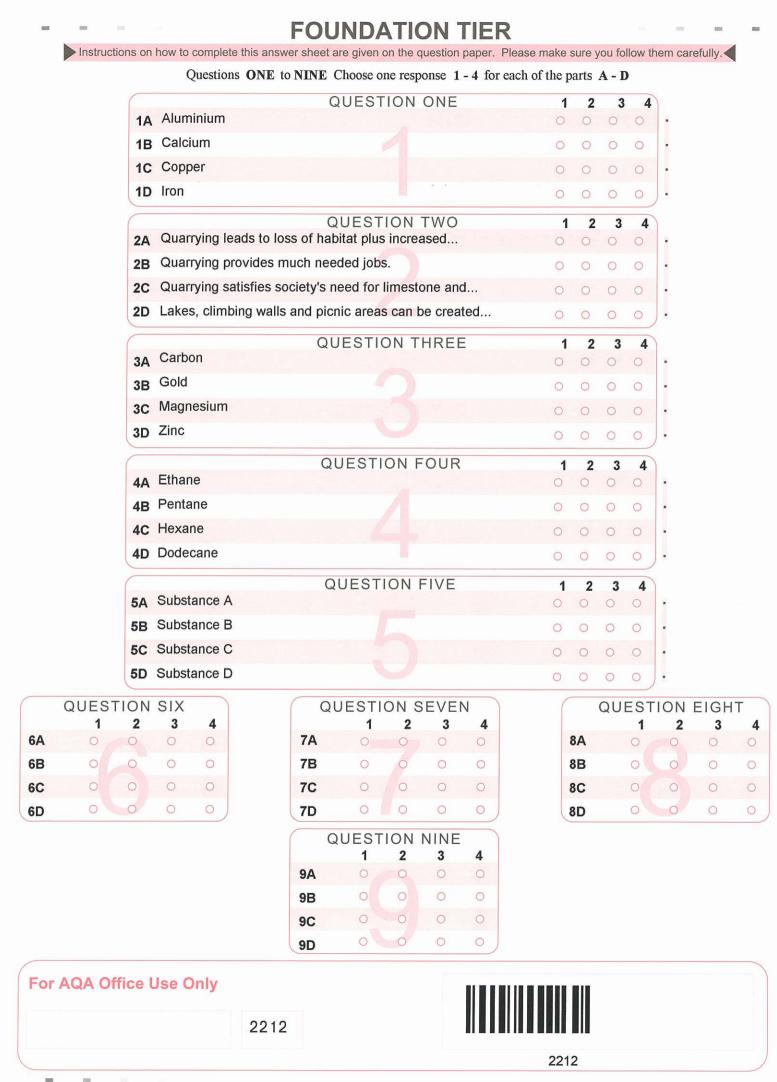
March 2011

Higher Tier

Question	Кеу								
One	Α	Carbon m	onoxide (CO) / Subst	ance A	4				
	в	Hydrogen	(H ₂) / Substance B		2				
	С	Methane (CH ₄) / Substance C		1				
	D	Hydrogen	sulfide (H ₂ S) / Subst	ance D	3				
	Α	Metal A			2				
Two	В	Metal B			3				
TWO	С	Metal C			4				
	D	Metal D			1				
		Α	В	C	;	D			
Three		1	2	1		4			
Four		4	3	2	2	2			
Five		4	3	2	2	1			
Six		3	1	4	ŀ	2			
Seven		2	4	4	L .	4			
Eight		2	2	1		2			
Nine		3	2	1		4			

U	Unit : CHY1AP CHEM			ISTR		T 1A				AQA					
Centre : Candidate Number : Candidate Name :		U	CI :				Series : 3G11 02-MAR-11			1					
-	For comp	letion by t	he Examinat		^{igilator.} IGH				e if the c	andi	date i	is ab	sent:	0	
	Instructions		omplete this ans										w them	carefully	
		Ç	uestions ONE				5	1 - 4 for	r each of t			- D			
	4.0	Substand		Q	UEST	ION	ONE		1	-	3	4			
	1A 1B	Substand							0		0	0			
	1C	Substand									0	0			
	10 1D	Substand							0		0	0			
		Substant		-			ENVO				0) =		
	2A	Metal A		Q	UEST	ION	IWO		1	-	3	4	-		
	2A 2B	Metal B							0	0	0	0			
	2C	Metal C							0		0	0			
	2D	Metal D							0			0			
	0 0 0 0	3 4 0 0 0 0 0 0 0 0		4A 4B 4C	0	2 0 0	3 0 0 0	4 0 0 0 0		5A 5B 5C		1 0 0	2 0 0 0	3 0 0	(
3D	0 0	0 0		4D	0	0	0	0		5D		0	0	0	
QU	ESTION			QL	JESTI					(QUE	STI	ON E	IGHT	-
	1 2	3 4 0 0		7A	1	2	3	4		8A		1	2	3	
64	0 0	0 0	3	7B	0	0	0	0		8B		0	0	0	
				7C	0	0	0	0		8C		0	0	0	
6B	0 0	0 0												0	(
6B 6C	000	0 0		7D	0	0	0	0)	n.	8D		0	0	0	
6B 6C					UEST	ION	NINE			8D		0	0	0	
6B 6C								0 4 0		8D		0		0	
6B 6C				Q	UEST 1	ION 2	NINE 3	4		8D		0		0	
6B 6C				Q 9A	UEST 1 0	ION 2	NINE 3	4	(8D		0	0	0	

100 100 100 100



8 4 2

OTQ3