

#### **GCSE**

# Science A (4461) / Chemistry (4421)

Specification A

CHY1AP, CH1ASF & CH1ASH

### **Mark Scheme**

2012 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 students' 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) March 2012

#### Foundation Tier

Question		I	Кеу	
	A element		1	
0.55	<b>B</b> formula		4	
One	C molecule		3	
	<b>D</b> symbol		2	
	A Element A		4	
Two	B Element B		3	
	C Element C		2	
	D Element D		1	
	A carbon diox	ride	1	
	B carbon mor		3	
Three	C oxygen	IOXIGO	2	
	<b>D</b> sulfur dioxid	1e	4	
	<b>B</b> Sulful Gloxic		<del>-</del>	
	A Bauxite		2	
Four	<b>B</b> Chalcocite		1	
Four	<b>C</b> Linnaeite		4	
	<b>D</b> Pentlandite		3	
	_		_	
	A condense		2	
Five	<b>B</b> vaporise		1	
	C viscous		4	
	<b>D</b> volatile		3	
	Α	В	С	D
Six	2	2	1	2
Seven	4	2	3	1
Eight	2	2	1	4
Nine	3	2	3	2

#### GCSE SCIENCE A (4461)/CHEMISTRY (4421)

Objective Test Answer Key

## CHY1AP (Products from Rocks) March 2012

Higher Tier

Question			Key	
	A condense		2	
One	<b>B</b> vaporise		1	
One	<b>C</b> viscous		4	
	<b>D</b> volatile		3	
	A carbon did	oxide	2	
Two	<b>B</b> carbon mo	onoxide	3	
I WO	C iron		1	
	<b>D</b> iron oxide		4	
	Α	В	С	D
Three	2	2	1	4
Four	3	2	3	2
Five	2	3	2	4
Six	4	3	1	2
Seven	3	2	1	3
Eight	3	3	4	3
Nine	2	2	3	2



Unit: CHY1AP CHEMISTRY UNIT 1A

Centre:

**Candidate Number:** 

UCI:

Series: 3G12

**Candidate Name:** 

01-MAR-12

For completion by the Examination Invigilator. Please fill this circle if the candidate is absent:

#### HIGHER TIER

Instructions on how to complete this answer sheet are given on the question paper. Please make sure you follow them carefully.

Questions ONE to NINE Choose one response 1 - 4 for each of the parts A - D

	QUESTION	ONE 1	2	2 3	4	
1A	condense	C	C	) 0	0	3.
1B	vaporise	C	) C	) 0	0	
1C	viscous	C	C	) ()	0	
1D	volatile	C	C	) ()	0	
	QUESTION	TWO 1	1	2 3	4	)
2A	carbon dioxide	C	C	0	0	
2B	carbon monoxide	C	C	0	0	

2D	iron oxide	0	0	0	0	J.
2C	iron	0	0	0	0	
2B	carbon monoxide	0	0	0	0	
2A	carbon dioxide	0	0	0	0	

QUESTION THREE  1 2 3 4						
3A	0	0	0	0		
3B	O	0	0	0		
3C	0	0	0	0		
3D	0	0	0	0		

QUESTION FOUR						
	1	2	3	4		
4A	0	0	0	0		
4B	0	O	0	0		
4C	0	0	0	0		
4D	0	0	0	0		

	QUEST	10N <b>2</b>	FIVE 3	4
5A	0	0	0	0
5B	0	0	0	0
5C	0	0	0	0
5D	0	0	0	0

	QUES	TION	SIX	
	1	2	3	4
6A	0	0	0	0
6B	0	0	0	0
6C	0	0	0	0
6D	0	0	0	0

QUESTION SEVEN							
	1	2	3	4			
7A	0	0	0	0			
7B	0	0	0	0			
7C	0	0	0	0			
7D	0	0	0	0			

QUESTION EIGHT						
	1	2	3	4		
8A	0	0	0	0		
8B	0	0	0	0		
8C	0	0	0	0		
8D	0	0	0	0		

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#### **FOUNDATION TIER**

Instructions on how to complete this answer sheet are given on the question paper. Please make sure you follow them carefully.

Questions ONE to NINE Choose one response 1-4 for each of the parts A-D

		QUESTION ONE	1	2	3	4
	element		0	0	0	0
1B	formula		0	0	0	0
1C	molecule		0	0	0	0 •
1D	symbol		0	0	0	0).
		QUESTION TWO	1	2	3	4
2A	Element A		0	0	0	0
2B	Element B		0	0	0	0 •
2C	Element C		0	0	0	0
2D	Element D		0	0	0	0).
	andran dinvida	QUESTION THREE	1	2	3	4
3A	carbon dioxide		0	0	0	0
3B	carbon monoxide		0	0	0	0
3C	oxygen		0	0	0	0
3D	sulfur dioxide		0	0	0	0).
	Dawaiia	QUESTION FOUR	1	2	3	4
	Bauxite		0	0	0	0
	Chalcocite		0	0	0	0
	Linnaeite		0	0	0	0
4D	Pentlandite		0	0	0	0).
		QUESTION FIVE	1	2	3	4
5A	condense		0	0	0	0
	vaporise		0	0	0	0
5C	viscous		0	0	0	0
5D	volatile		0	0	0	0 ) •

	QUES	TION	SIX	
	1	2	3	4
6A	0	0	0	0
6B	0	0	0	
6C	0	0	0	0
6D		0	0	0

QL	JESTI	ON S	EVE	N
	1	2	3	4
7A	0	0	0	0
7B	0	0	0	0
7C	0	0	0	0
7D	0	0	0	0

	QUESTION EIGHT				
	1	2	3	4	
8A	0	0	0	0	
8B	0	0	0	0	
8C	0	0	0	0	
8D	0	0	0	0	

	QUEST	10N 2	NINE 3	4
9A	0	0	0	0
9B	0	0	0	0
9C	0	0	0	0
9D	0	0	0	0

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