

GCSE

Science A (4461) / Chemistry (4421)

Specification A

CHY1AP, CH1ASF & CH1ASH

Mark Scheme

2012 Examination – June 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
Copyright © 2012 AQA and its licensors. All rights reserved.
COPYRIGHT AQA retains the copyright on all its publications. However, registered schools 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 schools to photocopy any material that is acknowledged to a third party even for internal use within the school.
Set and published by the Assessment and Qualifications Alliance.

GCSE

SCIENCE A (4461)/CHEMISTRY (4421)

Objective Test Answer Key

CHY1AP (Products from Rocks)

June 2012

Foundation Tier

Question		Ke	ey .	
One	A aluminium B copper C iron D sodium		3 2 4 1	
Two	A 0 B 6 C 12 D -90		2 3 4 1	
Three	A the nucleus B a bond C an electron D an element		2 4 3 1	
Four	A bronze for 'co B bronze for st C cupronickel f D brass for orn	atues for 'silver' coins	1 4 2 3	
Five	A carbon dioxid B copper C copper oxide D water		2 3 1 4	
	A	В	С	D
Six	3	2	4	4
Seven	3	2	1	1
Eight	2	1	4	2
Nine	3	4	2	3

GCSE

SCIENCE A (4461)/CHEMISTRY (4421)

Objective Test Answer Key

CHY1AP (Products from Rocks)

June 2012

Higher Tier

Question	Key				
	A carbon did	xide		2	
One	B copper			3	
One	C copper oxi	de		1	
	D water			4	
	A it is probat	oly the softest substa	ince	1	
Two	B it is the all	oy that contains only	two metals	2	
1 000	C it is an allo	it is an alloy that contains only one metal			
	D it contains	D it contains the largest number of different elements			
	Α	В	С	D	
Three	2	1	4	2	
Four	3	4	2	3	
Five	2	2	3	3	
Six	3	2	2	3	
Seven	1	3	2	3	
Eight	2	2	4	3	
Nine	2	3	2	3	



Unit: CHY1AP CHEMISTRY UNIT 1A

Centre:

Candidate Number:

UCI:

Series: 6M12

22-JUN-12

Candidate Name:

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	3	4)
1A	carbon dioxide	0	0	0	0	
1B	copper	0	0	0	0	
1C	copper oxide	0	0	0	0	
1D	water	0	0	0	0) .
	QUESTION TWO	1	2	3	4	
2A	QUESTION TWO it is probably the softest substance	1	2	3	4	
2A 2B		0	0	3 0	0	•
	it is probably the softest substance	0 0	0 0	3 0	4 0 0	

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

	QUEST	ΓΙΟΝ	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 FOUR				
	1	2	3	4	
4A	0	0	0	0	
4B	0	0	0	0	
4C	0	0	0	0	
4D	0	0	0	0	

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

QUESTION NINE					
	1	2	3	4	
9A	0	0	0	0	
9B	0	0	0	0	
9C	0	0	0	0	
9D	0	0	0	0	

	QUESTION FIVE				
	1	2	3	4	
5A	0	0	0	0	
5B	0	0	0	0	
5C	0	0	0	0	
5D	0	0	0	0	

QUESTION EIGHT						
	1	2	3	4		
A8	0	0	0	0		
8B	0	0	0	0		
8C	0	0	0	0		
8D	0	0	0	0		

For AQA Office Use Only

2212

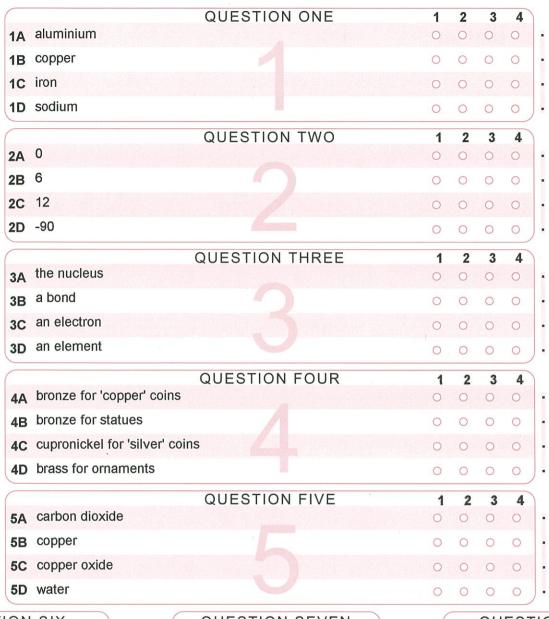


2212

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



	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	

	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



For AQA Office Use Only

2212



2212