

GCSE

Science A (4461)

Specification A

CHY1AP, CH1ASF & CH1ASH

Mark Scheme

2010 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

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GCSE SCIENCE A (4461)/CHEMISTRY (4421) Objective Test Answer Key

CHY1AP (Products from Rocks)

March 2010

Foundation Tier

Question	Key					
	Α	carbon dioxid	de	3		
0.50	в	particles		2		
One	С	sulfur dioxide	9	1		
	D	water vapour		4		
	Α	iron		3		
Two	В	aluminium		4		
100	С	gold		1		
	D	stainless stee	el	2		
	_			_		
	Α	atoms		2		
Three	В	compounds		4		
	С	non-metal el	ements	3		
	D	elements		1		
		aluminium		2		
	A					
Four	В	glass		3		
	С	iron		4		
	D	lead		1		
	Α	Anaesthetic	A	2		
	в	Anaesthetic I	В	4		
Five	с	Anaesthetic	С	3		
	D	Anaesthetic	D	1		
	I					
		Α	В		С	D
Six		2	3		4	1
Seven		4	4		4	2
Eight		2	3		2	2
Nine		3	1		3	4

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

March 2010

Higher Tier

Question	Key					
	Α	Anaesthetic	Α	2		
One	в	Anaesthetic	В	4		
One	С	Anaesthetic	С	3		
	D	Anaesthetic	D	1		
	Α	reduction		4		
Two	В	combustion		2		
	С	thermal dec	omposition	1		
	D	corrosion		3		
		Α	В		С	D
Three		2	3		2	2
Four		3	1		3	4
Five		3	3		1	3
Six		4	1		3	4
Seven		3	2		2	2
Eight		4	3		3	3
Nine		4	3		2	4

cs			



Unit : CHY1AP CHEMISTRY UNIT 1A

Centre :

Candidate Number :

Candidate Name :

UCI :

Series: 3G10

03-MAR-10

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

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	Anaesthetic A		0	0	0	0
1B	Anaesthetic B		0	0	0	0
1C	Anaesthetic C		0	0	0	0
1D	Anaesthetic D		O a	0	0	0
·			*****			
(QUESTION TWO	1	2	3	4
2A	reduction	QUESTION TWO	1 0	2 0	3 ○	4
2A 2B	reduction combustion	QUESTION TWO	1 0	2 0	_	
		QUESTION TWO	1 0 0	0	0	0

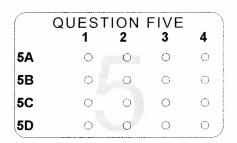
	QUEST 1	10N 2	THRE 3	EE 4
3A	0	0	0	0
3B	0	0	0	0
3C	0	0	0	0
3D	0	0	0	0)

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

	QUESTI	ON F	OUF	2
	1	2	3	4
4A	0	0	0	0
4B	0	0	0	0
4C	0	0	0	0
4D	0	0	0	0

(QUES	TIOI	N SE	VEN	
	1		2	3	4
7A	C)	0	0	0
7B	C		0	0	0
7C	C)	0	0	0
7D	C		0	0	o

	QUEST	ION	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



	QUEST	ION E	IGH	Г
	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

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Instructions on how to complete this answer	cheat are given on the question	nanor Diasso make sur	you follow thom carofully
ritaductions on now to complete this driswer	sheet are given on the question	i paper. riease make sure	you rollow them carefully.

Questions ONE to NINE Choose 4 for each of the parts A n recnonce

							- + 101 Ca							
	(4.0	carbon dioxide	QI	UESTION C	NE		1		3	4			
		1B								0	0	-		
			sulfur dioxide					0		0	0			
			water vapour					0		0	0	•		
	Ĺ							0		0	0)•		
	(<u>,</u> Э Л	iron	QI	JESTION T	WO		1	_	3	4)			
			aluminium					0		0	0	•		
			gold					0	0	0	0	•		
			stainless steel					0		0	0			
		20	Stalliess Steel					0	0	0	0)•		
	(atoms	QU	ESTION TH	IRE	-	1		3	4			
			compounds					0		0	0	•		
			non-metal elements					0		0	0	•		
								0	0	0	0	•		
		3D	elements					0	0	0	0)•		
	(QU	ESTION FO	DUR		1	2	3	4			
			aluminium					0	0	0	0	•		
			glass					0	0	0	0	•		
			iron					0	0	0	0	•		
		4D	lead					0	0	0	0) -		
	(Ql	JESTION F	IVE		1	2	3	4)		
			Anaesthetic A					0	0	0	0	•		
			Anaesthetic B					0	0	0	0			
			Anaesthetic C					0	0	0	0			
		5D	Anaesthetic D		Negel P			0	0	0	0			
	QUESTI	NC	SIX	QU	ESTION SI	EVE	N	1		QU	EST	ION	EIGH	Т
	1	2	3 4	74	1 2	3	4		0 A		1	2	3	4
6A		0	0 0	7A 7D	0 0	0	0		8A 8D		0	0	0	0
6B		0		7B	0 0	0	0		8B		0	0	0	0
6C		0		7C	0 0	0	0	remmuniti i referitorio con	8C		0	0	0	0
6D	0 (0	0 0	7D	0 🗶 0	0	¢	(8D		0	0	0	0
				Q	UESTION N 1 2	IINE 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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