



0620 CHEMISTRY

0620/52

Paper 5 (Practical), maximum raw mark 40

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Mark schemes should be read in conjunction with the question paper and the Principal Examiner Report for Teachers.

Cambridge will not enter into discussions about these mark schemes.

Cambridge is publishing the mark schemes for the May/June 2014 series for most IGCSE, GCE Advanced Level and Advanced Subsidiary Level components and some Ordinary Level components.



	Pag	ge 2	Mark Scheme	Syllabus	Paper			
			IGCSE – May/June 2014	0620	52			
1	Experiment 1							
	Table of Results							
	initial temperature boxes all completed (1)							
	final temperature boxes all completed and final > initial (1)							
	temperature changes completed correctly (1)							
	temp change increases as length Mg increases (1)							
	com	[5]						
	(f)							
		straight l	ine of best fit drawn with a rule (1)		[4]			
	(g)	(g) value from graph $^+/$ half a small square (1)						
		tie line/ii	ndication shown (1)		[2]			
	(h)	any two	from:		[2]			
		fizzing/b	oubbles/effervescence (1)					
		magnesi	um/solid gets smaller/disappears (ignore dissolve	s) (1)				
	gets hot/warm (1)							
	(i)	experime	ent 5 / 7cm (1)					
		more/m	ost magnesium (1)		[2]			
	(i)	temperat	ture change/reaction faster (1)					
	U)							
		bigger su	urface area (1)		[2]			

[2]
[2]
[2]
[2]
[2]
[2]
[2]
[Total· 21]
[
[1]
[3]
[1]
[1]
[']
[2]
e. [3]
e. [2]
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Page 4		Mark Scheme	Syllabus	Paper
		IGCSE – May/June 2014	0620	52
(f) a	immonia	/alkaline <u>gas</u> (1)		
d	lecompo	ses/sublimes (1)		[2]
(g) a	immoniu	ım (1) chloride (1)		[2]
(h) z	tinc (1) c	arbonate (1)		[2]
				[Total: 19]