## MARK SCHEME for the May/June 2008 question paper

## **0620 CHEMISTRY**

0620/05

Paper 5 (Practical Test), maximum raw mark 40

This mark scheme is published as an aid to teachers and candidates, to indicate the requirements of the examination. It shows the basis on which Examiners were instructed to award marks. It does not indicate the details of the discussions that took place at an Examiners' meeting before marking began.

All Examiners are instructed that alternative correct answers and unexpected approaches in candidates' scripts must be given marks that fairly reflect the relevant knowledge and skills demonstrated.

Mark schemes must be read in conjunction with the question papers and the report on the examination.

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	Page 2	Mark Scheme	Syllabus	Paper		
		IGCSE – May/June 2008	0620	05		
1	Experiment '	1(a) green precipitate (1)		[1]		
	Experiment 2	2(d) brown/orange/rust precipitate (1)		[1]		
	Table of resu					
	Experiment initial and fin					
	Experiment 2 initial and final volume boxes correctly completed (2)					
	differences completed correctly (1)					
	comparable	to Supervisor's results $\pm 5 \text{ cm}^3$ (2)		[6]		
	<b>(e)</b> (pale) gr	reen (1)		[1]		
	<b>(f)</b> (turns) y	ellow (1)		[1]		
	<b>(g) (i)</b> Exp	eriment 1 (1) ecf		[1]		
	(ii) mor	e in Experiment 1/greater volume (1)		[1]		
	<b>(iii)</b> solu	tion <b>A</b> more concentrated/stronger than <b>B</b> (1) $\times$ 2 (1	)	[2]		
	(h) twice the	e volume value for Experiment 2 (1) cm <sup>3</sup> /ml (1)		[2]		
	(i) change					
	explanat	tion e.g. average reading more accurate (1) instead	of m/cylinder	[2]		
	<b>(j) (i)</b> iron	(II) present (1)		[1]		
	(ii) iron	(III) (1)		[1]		

[Total: 20]

	Page 3	Mark Scheme IGCSE – May/June 2008		Syllabus 0620	Paper 05	
	Tasta an asli		505L - May/Julie 2000	0020	05	
2	Tests on soli					
	(a) white (1)	)	see Supervisor's results		[1]	
	(b) condensation (1)		solid goes black/chars (1)			
	gas ignites/catches fire or flame (1)				[max 2]	
	( <b>c) (i)</b> orar	nge/yellow (1)	pH6/5 (1) see Supervisor's res	sults	[2]	
	(ii) whit	te (1)	precipitate (1)		[2]	
	(iii) redo	dish (1)	brown on heating (1)		[2]	
	Tests on solid <b>V</b>					
	(d) green (1	)			[1]	
	(e) solid cha	[1]				
	(f) smells acidic/vinegar or similar (1)				[1]	
	(i) gree	en (1)	pH 7/6 (1) see Supervisor's res	sults	[2]	
	(ii) blue	e (1)	precipitate (1)		[2]	
	(iii) gree	en (1)			[1]	
	(g) calcium	present (1)			[1]	
	(h) copper p	present (1)	ethanoic acid/organic salt (1)		[2]	

[Total: 20]

[Total for paper: 40]