

UNIVERSITY OF CAMBRIDGE INTERNATIONAL EXAMINATIONS International General Certificate of Secondary Education

MARK SCHEME for the May/June 2012 question paper

for the guidance of teachers

0620 CHEMISTRY

0620/53

Paper 5 (Practical), 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, which would have considered the acceptability of alternative answers.

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

• Cambridge will not enter into discussions or correspondence in connection with these mark schemes.

Cambridge is publishing the mark schemes for the May/June 2012 question papers for most IGCSE, GCE Advanced Level and Advanced Subsidiary Level syllabuses and some Ordinary Level syllabuses.



	Page 2	Mark Scheme: Teachers' version	Syllabus	Paper
		IGCSE – May/June 2012	0620	53
1		nent 1 all boxes completed (1) show a regular pattern (1)		[2]
		nent 2 all boxes completed (1) show a regular pattern (1)		[2]
	(c) all point Should linear s two × s			
	both lir	nes labelled (1)		[6]
	(d) (i) val	ue from graph (+/– ½ small square) (1) shown clearly	r (1)	[2]
	(ii) val	ue from graph (+/– ½ small square) (1) shown clearly	r (1)	[2]
	(e) endothe	ermic (1)		[1]
		emperature (changes) (1) volume/more water (1)		[2]
		emperature or initial temperature from table (1) n finished/ <u>all</u> dissolved/warms up (1)		[2]
	• •	eadings/points (1) raph/more reliable/more accurate/owtte (1)		[2]
				[Total: 21]

	Page 3		Mark Scheme: Teachers' version	Syllabus	Paper
			IGCSE – May/June 2012	0620	53
2	(a)	green	(1) reject : any other colours, ignore : dark/light		[1]
	(b)	[3]			
	(c)	• •	zz/bubbles etc. (1) lue solution/liquid (1)		[2]
			lue (1) ignore : qualifiers such as dark/light precipitate (1)	[2]
		d	lue precipitate (1) (ignore qualifiers such as dark/light) ark/royal/deep blue (1) must be some indication it is dan olution/soluble/dissolves (1)	ker than the ppt	[3]
	(d)		arance: colourless (1) : vinegar/pungent/sharp/sour/strong (1)		[2]
	(e)	рН2—6	6 (1)		[1]
	(f)		or blue-green solution/liquid (1) ubbles (1)		[2]
	(g)	coppe	er (1) carbonate (1)		[2]
	(h)	acid/o	organic/ethanoic/acetic/vinegar		[1]
					[Total: 19]