

MARK SCHEME for the May/June 2007 questi



0654 CO-ORDINATED SCIENCES

0654/05

Paper 5 (Practical), maximum raw mark 45

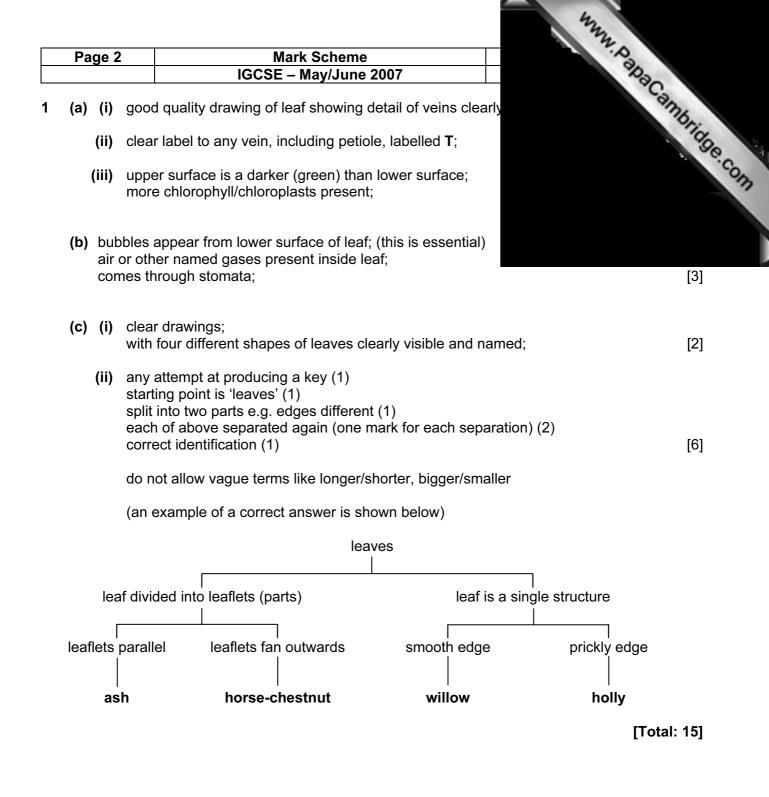
This mark scheme is published as an aid to teachers and candidates, to indicate the requirements of the examination. It shows the basis on which Examiners were instructed to award marks. It does not indicate the details of the discussions that took place at an Examiners' meeting before marking began.

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.

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

CIE is publishing the mark schemes for the May/June 2007 question papers for most IGCSE, GCE Advanced Level and Advanced Subsidiary Level syllabuses and some Ordinary Level syllabuses.



						4722
	Page 3			Mark Scheme		Q.
		•		IGCSE – May/June 2	007	SD - C
2	(a)		ible value for ect unit for cur			www.papacambridge.com
	(b)	valu	e for current le	ss than in (a)		Com
	(c)	(i)	sensible value consistency of	for voltage readings i.e. same no. o	f sig figs	
		(ii)	similar value t	o (c)(i) unless help given	in setting up	[1]
	(d)	(i)	use of V/I for I R correct for b correct unit for	oth lamps (must use 2 nd	value of I)	[3]
		(ii)	comments on similar	V and R for each lamp	(1) within experir	nental error, therefore lamps are [2]
	(e)	(i)	lamps correctl ammeter corre if circuit does			[2]
		(ii)		el the resistance is less (rent therefore lamps brigl		[2]

[Total: 15]

		2222
Page 4	Mark Scheme	20
	IGCSE – May/June 2007	Space -
	bowders allow grey or brown for one of these ore finely divided or comment to differentiate	www.papacambridge.co
(b) (i) sm	nall amount of bubbles (must be a difference to (ii))	
rel	uch bubbling lights ygen (tied to relights)	
(iii) so	lid Y	[1]
	is bleached NOT red e (tied to bleached)	[2]
(d) (i) blu	ue or green	[1]
(ii) blu	ue ppt. (1) insoluble in excess (1)	[2]
(e) copper	oxide	[1]
(f) use of	ammonia to produce dark blue solution	[2]
		[Total: 15]