UNIVERSITY OF CAMBRIDGE INTERNATIONAL EXAMINATIONS International General Certificate of Secondary Education

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0653 COMBINED SCIENCE

0653/05

Paper 5 (Practical Test), maximum raw mark 30

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 October/November 2008 question papers for most IGCSE, GCE Advanced Level and Advanced Subsidiary Level syllabuses and some Ordinary Level syllabuses.

Page	2	Mark Scheme	Syllabus 7 Syllabus	
1 4 9 0	_	IGCSE – October/November 2008	0653	
(a) (i	i) temp	perature/amount of water;	Can	Br.
(ii	B sh C sh	nould be tallest and straight; nould be shorter and straight; nould be curved;	Syllabus 0653 Bhacan	105
	,	tract 1 mark for drawings of poor quality)		[3]
(iii		of table should be filled in w, green, green;		[1]
(iv	A sh	es should be as follows: ould be largest number; ould be second;		
		ould be third;		[3]
bc		ant grows upwards more quickly/etiolation to reach ant bends towards the light/phototropism, thesis);		(for [2]
			[Total:	10]
()				
		E correct. Do not allow if clearly not mm alues are reversed		[1]
(c) and	1	FOUR complete sets of readings i.e. for 20 oscillati I correct <i>must have at least 3 readings of 20 osc</i> I ² correct to 2 dp	ions values are different	[3]
pl	cale is s lotting c est strai			[3]
CC	orrectly	is shown on graph for any reasonable st.line calculated		
		nade up of parts, NO marks for (f) rea involving the plots is used		[2]
(g) cc	orrectly	calculated for candidate's figures		[1]
			[Total:	10]
(a) (i	i) white	e ppt <i>Do not allow 'milky'</i>		[1]
(ii	i) fizzes pops hydro			[3]

