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## **0652 PHYSICAL SCIENCE**

0652/05

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 of er
	IGCSE – October/November 2008	0652 23
do no	of <b>E</b> correct of allow if clearly not mm if values are reversed	Syllabus 0652 Bacannung
• •	complete sets of readings i.e. for 20 oscillations ble range of masses	
	rect must have at least 3 readings of 20 oscillations rrect to 2 dp	[4]
no ma scale	correct and labelled with units arks for graph if wrong things plotted is sensible ng correct	
	straight line for their points and is reasonable straight line	e [4]
corre if line	ent is shown on graph for any reasonable straight line ctly calculated <i>is made up of parts, NO marks for <b>(f)</b> if area involving the plots is used</i>	[2]
accur	ctly calculated for candidate's figures racy – between 8 and 10 ot allow this mark if straight line mark not given	[2]
	easonable answer – one mark for each 'repeating more times'	[2]
anow	repeating more times	[Total: 15]
(a) (i) v	vhite ppt. do not allow 'milky'	[1]
<b>(ii)</b> fi	zzes	
•	oops lydrogen <i>only if 'pops' is given</i>	[3]
	ffervescence/bubbles OR Mg disappears	[1]
cc	i is an acid contains sulphate Illow one if sulphuric acid	[2]
• •	on of sodium hydroxide allow Na $_2$ CO $_3$ or aqueous NH $_3$	
red-b iron(I	rown ppt. II)	[3]

