

**JUNE 2002** 

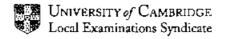
### INTERNATIONAL GCSE

# **MARK SCHEME**

**MAXIMUM MARK: 30** 

**SYLLABUS/COMPONENT: 0653/5** 

COMBINED SCIENCE (PRACTICAL TEST)



Page 1	Mark Scheme	Syllabus	Paper
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## Mark scheme for Q1

(a)	brief description and result. Allow cold water.	2
(b)(i)	pH between 8 and 9 (can be varied to match supervisor	or) 1
(ii)	pH has increased	
	colour changes described showing move towards dark blue(ONE)	2
(c)	limewater milky therefore carbon dioxide	I
(d)	description to include adding P to some acid noting a drop in temp. deciding it is endothermic	3
(g)	solid is potassium hydrogencarbonate	1
		1 10

total 10

## Mark Scheme for Physics

Q2.

Length in mm

Current in mA and bear some resemblance to SV

Good spread of length values, 2 values either side of 400mm

Current decreases with increase length

Six sets of values

5

Page 2	Mark Scheme	Syllabus	Paper
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Graph

Scale sensible

Plotting for 4 results is correct

suitable curve

3

readings

reading off from graph correctly

1

calculation

correct calculation

1

total

10

### Mark Scheme for Q3

(a) suitable temperature/light

j

(b)(i) table showing 3 columns

columns must describe germination & growth

change in germination is right order

change in growth is right order

4

(ii) weak acid rain reduces growth strong acid rain reduces germination/prevents growth etc

(c) good quality drawing (sharp pencil, at least 5cm) root is labelled

leaves/stem etc labelled

3