Length & Time

Mark Scheme 4

Level	IGCSE
Subject	Physics
Exam Board	CIE
Topic	General Physics
Sub-Topic	Length & Time
Paper Type	Alternative to Practical
Booklet	Mark Scheme 4

Time Allowed: 48 minutes

Score: /40

Percentage: /100

1 (a		0.7 N 6 cm ³ 1.4 s 4.0 N/cm ²		[1] [1] [1]
	(b)	(i)	minimum current/turn down power supply/increase resistance switch off between readings/carry out without delay	[1] [1]
		(ii)	variable resistor/rheostat	[1]
				[Total: 7]
2	(a	(i)	1 m-2.5 m	[1]
		(ii)	10 cm–1 m but h must be less than $l/2$	[1
	(b)	any • • • •	three from: making marks/lines on track for start and finish repeats/find average time constant starting positions not pushing car time from same point on car use light gates/data logger/automatic timer for timing method for avoiding parallax error when judging finishing point/stand level	
			with finish	[max 3]
				[Total: 5]

3

[Total: 9]

