

Page 3	Mark Scheme	Syllabus	Paper
	IGCSE – May/June 2014	0625	22

1	(a) area under graph OR $\frac{1}{2}(u + v) t$	C1
	$\frac{1}{2} \times 40 \times 8$	C1
	160 (m)	A1
	(b) 315 + candidate's (a)	C1
	distance = speed \times time OR distance/time in words, symbols or numbers	C1
	(315 + 160)/80 OR (315 + candidate's (a))/80	C1
	(5.9) 38(m/s)	A1
	(c) (i) steady/same/constant/uniform speed	B1
	(ii) slowing down/decelerating/negative acceleration	B1
	[Total: 9]	
2	(a) measuring cylinder/graduated cylinder	B1
	(b) balance, accept spring balance, accept (weighing) scales	B1
	(c) find mass of empty cylinder	B1
	find mass of cylinder + liquid	B1
	subtract values NOT if stated the wrong way round	B1
	accept valid alternative methods	
	(d) density = mass/volume, in words, symbols or numbers	C1
	62.4 \div 80	C1
	0.78 OR 780	A1
	g/cm ³ OR kg/m ³ as appropriate	B1
	[Total: 9]	

Extreme Papers Physics 2marking Scheme Paper2

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