Question	Scheme	Marks	AOs
1	r = (-4.5i + 3j)	B1	1.1b
	Use of $\mathbf{r} = \mathbf{u}t + \frac{1}{2}\mathbf{a}t^2$	M1	3.1b
	$(-4.5\mathbf{i} + 3\mathbf{j}) = 3\mathbf{u} + 0.5(\mathbf{i} - 2\mathbf{j}) 3^2$	A1 <b>ft</b>	1.1b
	$\mathbf{u} = (-3\mathbf{i} + 4\mathbf{j})$	A1	1.1b
		(4)	
(4 marks)			
Notes:			
B1: Correct displacement vector			
M1: Use of correct strategy and/or formula to give equation in <b>u</b> only (could be obtained by two			

integrations)

A1ft: Correct equation in u only, following their displacement vector

A1: Correct answer