Question		Answer	Marks	AOs		Guidance
6	(i)	Arithmetic sequence with $a = 50$ , $d = 20$ $S_{24} = \frac{24}{2} (2 \times 50 + (24 - 1)20)$	M1	1.1a	Using appropriate formula for sum of an arithmetic sequence with	Allow for total written out in full
		=£6720	A1 [2]	1.1b	a = 50, d = 20 Allow full credit for any correct method	
	(ii)	Each month is 12% more than the previous, so multiplied by 1.12 giving a geometric sequence with $a = 50$ , $r = 1.12$	E1 [1]	2.4	Clear argument must include the value 1.12	
	(iii)	Geometric sequence with $a = 50$ , $r = 1.12$ $S_{24} = \frac{50(1.12^{24} - 1)}{0.12}$	M1	3.1a	Using appropriate formula for sum of a geometric sequence with a = 50, $r = 1.12$	Allow for total written out in full
		= £5907.76 which is less than Aleela	A1 E1 [3]	1.1b 2.1	Allow any suitable rounding FT their values (dep on earning the M marks in part (i) and (iii) )	