

Question		Scheme	Marks	AOs
3(a)		0.82	B1	1.1b
			(1)	
(b)	$25 + \frac{21}{31} \times 1 = \dots$		M1	2.1
	$= 25.677419\dots$	awrt 25.7	A1	1.1b
			(2)	
(c)(i) (ii)	$\bar{x} = \frac{2560}{100} = 25.6$		B1	1.1b
	$\sigma_x = \sqrt{\frac{65751}{100} - ("25.6")^2}$		M1	1.1b
	$= 1.46628\dots$	awrt 1.47	A1	1.1b
			(3)	
(Total 6 marks)				
Notes:				
(a)	B1	0.82 oe		
(b)	M1	Correct method to find the median. Allow use of $(n + 1)$ rather than n , leading to 25.6935		
	A1	awrt 25.7		
(c)(i) (ii)	B1	For correct value seen.		
	M1	Correct method to find the standard deviation or variance, follow through their mean.		
	A1	awrt 1.47		