Topic Test 5 – 20 Minutes

Q	Answer	Mark	Comments
1	'height' circled	B1	
2(a)	61-45	M1	
	16	A1	
2(b)	56	B1	
2(c)	'No change' ticked	B1	
3(a)	For rearranging data in order	M1	
	8	A1	
3(b)	$\dfrac{4+42+8+\ldots+5}{8}$	M1	$88 \div 8$
	11	A1	
3(c)	Correct/valid explanation	B1	Median as it omits the extreme value Or Mean as it uses all values
4(a)	3	B1	
4(b)	(0x5),(1x1),…,(5x1)	M1	0,3,6,24,0,5
	$\dfrac{(0x5)+(1x1)+\ldots+(5x1)}{5+1+\ldots+1}$	M1 dep	$\sum fx = 38$ $\sum f = 19$ (either correct or working shown)
	2	A1	
4(c)	Correct/valid explanation	M1	Indicates $\dfrac{20+1}{2}$ to find the median
	2	A1	

Q	Answer	Mark	Comments
5(a)	20 < x ≤ 25	B1	
5(b)	Correct midpoints seen	M1	At least 3 of 15,22.5,27.5,35,45 seen
	(15x10)+(22.5x18)+…+(45x1)	M1	$\sum fx$ At least two products summed
	1230 ÷ 50	M1 dep	Dep on 2nd M1 Their $\sum fx$ divided by their 50
	£24 600	A1	Accept 24.6