			Stem	and Le	eaf Diag	Mark Scheme
	0	9				
	1	3				
	2	0	2	3	9	
	3	4	6	7	9	
	4	9	9			[1] Correct stems
1(a)	5	0	4	6		[1] Correct leaves
	6					[1] Key
	7					
	8	2	3			
	9	3	3	9		
		0				
		key 1				
1(b)	No she is not ordered	correct. T data. Ch	per in [1] Explanation			
2(a)			[1] Correct answer			
2(b)			[1] Correct answer			
2(c)			[1] Correct answer			
3(a)			[1] Correct answer			
3(b)		1([1] Correct answer			
3(c)			[1] Correct fraction (in either form)			
			[1] Convert to percentage			

4(a)	16 17 18 19 20 21 22 23	4 4 2 3 6 0 0 0	5 4 8 7 0	8 8 1					[1] Correct stems
4(a)	17 18 19 20 21 22	4 2 3 6 0 0	4 8 7	8					[1] Correct stems
4(a)	18 19 20 21 22	2 3 6 0 0	4 8 7	8					[1] Correct stems
4(a)	19 20 21 22	3 6 0 0	8 7	8					[1] Correct stems
4(a)	20 21 22	6 0 0	7	8					[1] Correct stems
4(a)	21 22	0 0							
	22	0	0	1					[1] Correct leaves
		-			3	7			[1] Key
	23	0	1	5					
				ke	y i	16	4	ans 16.4 conds	
4(b)	20.75 seconds							[1] Correct answer	
4(c)	The median would decrease						[1] Correct box ticked with no others ticked		
5 dia	There is a piece of data missing from the stem and leaf diagram, as the question says there are 20 pieces of data, but there are only 19 leaves in the diagram								[1] Statement discussing data missing
	The row with 2 as the stem is not ordered correctly						[1] Statement discussing data not fully ordered		
	There is no key							[1] Statement discussing key missing	
6	The median for men is 42, the median for women is 59, therefore the women are generally older than the men							[3] Any 3 valid comparisons	
	The mode therefore								
	The range for men is 31, the range for women is 39, therefore the spread of ages for women is bigger than the spread of ages for men The mean for men is 43.7, the mean for women is 54.8, therefore the women are generally older than the men								
Tł	The data for men has a positive skew whereas the women's data is symmetrical								

END