STEM AND LEAF

Pearson Edexcel - Tuesday 19 May 2020 - Paper 1 (Non-Calculator) Foundation Tier

1.

26	20 or 24 or 168	B1	for identification of the range of the girls (20) **or** the range (24) **or** the median (168) of the boys	
	Comparison	C2	for a correct comparison of medians **and** a correct comparison of ranges supported by correct figures. eg the median height for girls (165) is less than the median height for boys (168) and the range for girls (20) is less than the range for boys (24) At least one comparison must be in context referring to height or quoting cm.	Simply quoting values for median, range is insufficient; they must be compared.
		(C1	for a correct comparison of medians **or** a correct comparison of ranges that could ft their incorrect figure(s))	Context not necessary for C1

Pearson Edexcel - Tuesday 12 June 2018 - Paper 3 (Calculator) Foundation Tier

2.

14	(a)	6	4799	B2	for correct ordered stem and leaf	
		7	0015667			
		8	0011247	(B1	for fully correct unordered or ordered with one error or omission)	
		9	14			
				B1	(indep) for key (units not required but must be correct if stated) eg 6 | 4 = 64 (marks)	
	(b)		Explanation	C1	for identifying "6" students failed (ft their diagram) **OR** for 20 ÷ 4 (= 5)	Explanation does not need to state that Omar is wrong, but just needs to provide two comparable values (that are not the same) unless ft values show that Omar is not wrong in which case a statement is needed.
				C1	for comparing $\frac{1}{4}$ with $\frac{6}{20}$ or $\frac{3}{10}$ (ft their diagram) **OR** for comparing "6" with 5	

Pearson Edexcel - Thursday 2 November 2017 - Paper 1 (Non-Calculator) Foundation Tier

3.

10	(a)		Jake with reason	C1	Explanation referring to spread eg range **or** Jakes figures are closer together **or** highest and lowest values for both.
	(b)		Reason	C1	Reason eg stem not used or it should be 26

Pearson Edexcel – Specimen 2 - Paper 3 (Calculator) Foundation Tier

4.

10	(a)		56	B1	cao
	(b)		32	B1	cao
	(c)		Reason	C1	starts argument eg 8 cars or 8/27
				C1	completes argument eg with 1/3 = 9/27

Pearson Edexcel – Specimen 1 - Paper 2 (Calculator) Foundation Tier

5.

13	(a)		12| 3 5 9 13| 0 3 3 5 7 8 14| 7 7 8 9 15| 0 1 Key: 12|3 represents 123	C1 C1 C1	for an unordered diagram with just one error or for an ordered diagram with no more than two errors for a fully correct diagram for a correct key (units may be omitted but must be correct if included)
	(b)		$\dfrac{6}{15}$	M1 A1	for correct interpretation from their diagram (or from original information) of the number over 140 or for $\dfrac{n}{15}$, $n < 15$ for $\dfrac{6}{15}$ oe or ft their diagram