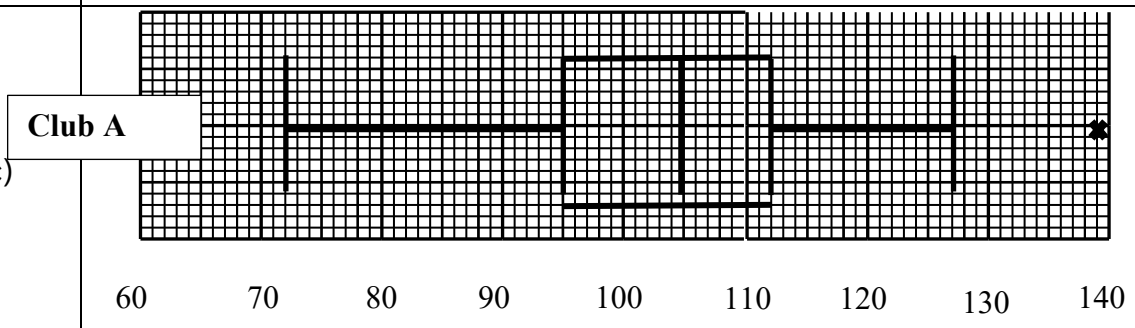
Question Number	Scheme	Marks
2(a)	[LQ =] 95	B1
	[UQ =] 112	B1
		(2)
(b)	"95"−1.5×("112"−"95") or "112"+1.5×("112"−"95")	M1
	"95"−1.5×("112"−"95") **and** "112"+1.5×("112"−"95")	A1ft
	So only outlier is 139	A1
		(3)
(c)		M1M1 M1A1ft
		(4)
(d)	(Club B has) positive (skew)	M1
	So club B weights are more varied above the median (than below the median)	A1
		(2)
	Notes	**Total 11**

(a)	**B1**	correct lower quartile 95 cao
	B1	correct upper quartile 112 cao
(b)	**M1**	a correct method to find either the lower or upper outlier boundary ft their values from (a)
	A1ft	correct attempt to find both the lower and upper outlier boundary ft their values from (a) this mark is for both correct ft expressions which need not be evaluated but may be implied by both of 69.5 and 137.5
	A1	(dep on M1 only) for identifying 139 as an outlier
(c)	**M1**	for a box with 1 upper whisker and 1 lower whisker
	M1	for lower whisker plotted at 72 and upper whisker plotted at 127 or '137.5 (condone 137 to 138)'
	M1	for quartiles plotted at 'Q_1', 105 and 'Q_3'
	A1ft	for a fully correct boxplot with 1 outlier marked at 139 only ft 'Q_1', 'Q_3' and '137.5'
(d)	**M1**	for identifying positive (skew) ignore comments about the skewness of Club A positive correlation is M0
	A1	for a correct contextual interpretation of positive skew indicating that there is greater variation above the median