

**January 2019 Paper 2H Question 11**

1 Twenty students took a Science test and a Maths test.

Both tests were marked out of 50

The table gives information about their results.

	<b>Median</b>	<b>Interquartile Range</b>
<b>Science</b>	27	18
<b>Maths</b>	24.5	11

Use this information to compare the Science test results with the Maths test results.

Write down **two** comparisons.

(2 marks)

**Sample Paper 1H Question 12**

2 Here are the points that Carmelo scored in his last 11 basketball games.

23    20    14    23    17    24    24    18    16    22    21

(a) Find the interquartile range of these points.

(3)

Kobe also plays basketball.

The median number of points Kobe has scored in his last 11 games is 18.5

The interquartile range of Kobe's points is 10

(b) Which of Carmelo or Kobe is the more consistent points scorer?

Give a reason for your answer.

(1)

(4 marks)

**June 2018 Paper 2H Question 7**

3 The students in Class A and in Class B take the same examination.

There are 28 students in Class A and 32 students in Class B.

The mean score for all the students in both classes is 72.6

The mean score for the students in Class A is 75

(a) Work out the mean score for the students in Class B.

(4)

The lowest score in Class A is 39

The range of scores for Class A is 57

The lowest score in Class B is 33

The range of scores for Class B is 60

(b) Find the range of scores for all the students in both classes.

(3)

(7 marks)