

Name: \_\_\_\_\_

# IGCSE

## Data

### Instructions

- Use **black** ink or ball-point pen.
- Answer all questions.
- Answer the questions in the spaces provided  
– *there may be more space than you need.*
- Diagrams are **NOT** accurately drawn, unless otherwise indicated.
- You must **show all your working out.**

### Information

- The marks for each question are shown in brackets  
– *use this as a guide as to how much time to spend on each question.*

### Advice

- Read each question carefully before you start to answer it.
- Keep an eye on the time.
- Try to answer every question.
- Check your answers if you have time at the end

**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.

- 1 .....
- .....
- 2 .....
- .....

**(Total for Question 1 is 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)

**(Total for Question 2 is 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)

**(Total for Question 3 is 7 marks)**