

Centre No.						Paper Reference							Surname	Initial(s)	
Candidate No.						5	3	8	1	F	/	5	A	Signature	

Paper Reference(s)

5381F/5A

Edexcel GCSE

Mathematics (Modular) – 2381

Paper 5 – Section A (Calculator)

Foundation Tier

Unit 1 Test – Data Handling

Thursday 11 June 2009 – Morning

Time for Section A: 20 minutes



Examiner's use only

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Team Leader's use only

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Section	Leave Blank
A	
B	

**Materials required for examination**

Ruler graduated in centimetres and millimetres, protractor, compasses, pen, HB pencil, eraser, calculator. Tracing paper may be used.

**Items included with question papers**

Nil

**Instructions to Candidates**

In the boxes above, write your centre number, candidate number, your surname, initials and signature. Check that you have the correct question paper. Answer ALL the questions. Write your answers in the spaces provided in this question paper. If you need more space to complete your answer to any question, use additional answer sheets.

**Information for Candidates**

The marks for individual questions and the parts of questions are shown in round brackets: e.g. (2). This section has 4 questions. The total mark for this section is 15. The total mark for this paper is 30. There are 8 pages in this question paper. Any blank pages are indicated.

**Calculators may be used for Section A only.**

If your calculator does not have a  $\pi$  button, take the value of  $\pi$  to be 3.142 unless the question instructs otherwise.

**Advice to Candidates**

Show all stages in any calculations. Work steadily through the paper. Do not spend too long on one question. If you cannot answer a question, leave it and attempt the next one. Return at the end to those you have left out.

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SECTION A

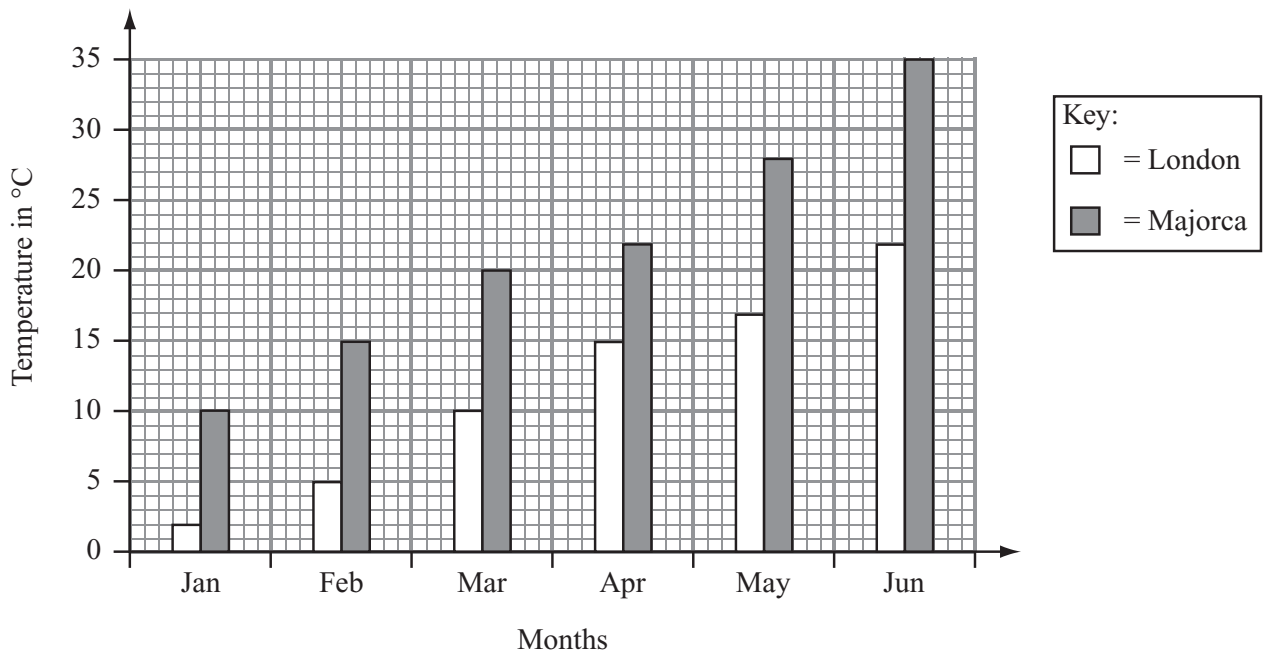
Answer ALL FOUR questions.

Write your answers in the spaces provided.

You may use a calculator in this section.

You must write down all stages in your working.

1. The dual bar chart shows the average monthly temperatures in London and Majorca from January to June one year.



- (a) Write down the highest average monthly temperature in Majorca.

..... °C  
(1)

- (b) Using this dual bar chart, write down **two** facts about the average monthly temperatures in London and Majorca.

1 .....

2 .....

(2)

Q1

(Total 3 marks)





<p><b>2.</b> A rugby team played 7 games.</p> <p>Here is the number of points they scored in each game.</p> <p>3      5      8      9      12      12      16</p> <p>(a) Work out the range.</p> <p>..... (2)</p> <p>(b) Find the median.</p> <p>..... (1)</p> <p>The rugby team played another game. They scored 11 points.</p> <p>(c) Find the median number of points scored in these 8 games.</p> <p>..... (1)</p> <p>(Total 4 marks)</p>	<p>Leave blank</p> <p><b>Q2</b></p> <div></div>



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3. Michael carried out a survey of some students.  
He asked them the type of TV programme they liked best.

The accurate pie chart shows some of this information.



Michael chooses one of the students at random.

- (a) (i) Find the probability that this student likes Soaps best.

.....

- (ii) Find the probability that this student does **not** like Soaps best.

.....  
(2)

6 students said they liked the News best.

- (b) How many students took part in the survey?

.....  
(2)

(Total 4 marks)

Q3





4. Zach has 10 CDs.  
The table gives some information about the number of tracks on each CD.

Number of tracks	Frequency	
11	1	
12	3	
13	0	
14	2	
15	4	

(a) Write down the mode.

.....  
(1)

(b) Work out the mean.

.....  
(3)

(Total 4 marks)

TOTAL FOR SECTION A: 15 MARKS

END

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Q4



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