

Centre No.						Paper Reference (complete below)				Surname	Initial(s)	
Candidate No.						5			F	/	B	Signature

Paper Reference(s)

5381F/5B 5542F/8B

Edexcel GCSE

Mathematics (Modular) – 2381

Paper 5 – Section B (Non-Calculator)

Unit 1 Test – Data Handling

Mathematics B (Modular) – 2544

Paper 8 – Section B (Non-Calculator)

Unit 2 Test – Data Handling

Foundation Tier

Thursday 13 November 2008 – Morning

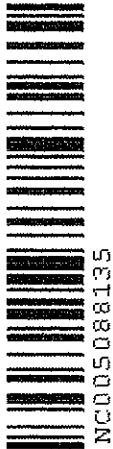
Time for Section B: 20 minutes

Examiner's use only

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Team Leader's use only

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Materials required for examination

Ruler graduated in centimetres and millimetres, protractor, compasses, pen, HB pencil, eraser.

Tracing paper may be used.

Items included with question papers

Nil

Instructions to Candidates

In the boxes above, write your centre number, candidate number, the paper reference, your surname, initials and signature. The paper reference is shown above. If more than one paper reference is shown, you should write the reference of the paper for which you have been entered.

Check that you have the correct question paper.

Answer ALL the questions. Write your answers in the spaces provided in this question paper.

Some questions must be answered with a cross in a box (☒). If you change your mind about an answer, put a line through the box (☓) and then mark your new answer with a cross (☒).

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 6 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.

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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Turn over

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SECTION B

Answer ALL SIX questions.

Write your answers in the spaces provided.

You must write down all stages in your working.

You must NOT use a calculator for this section.

1. Here are fifteen numbers.

10	12	13	15	15
17	19	20	20	20
21	25	25	25	25

(a) Find the mode.

.....
(1)

(b) Find the median.

.....
(1)

(c) Work out the range.

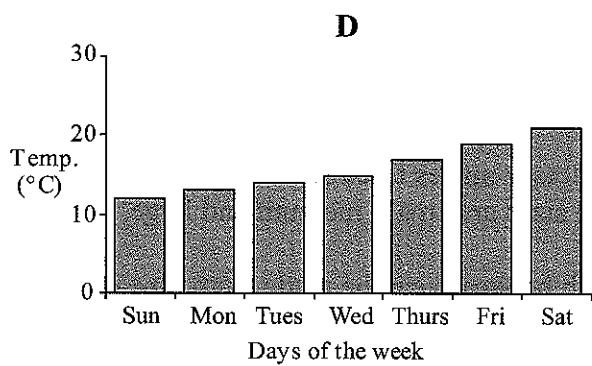
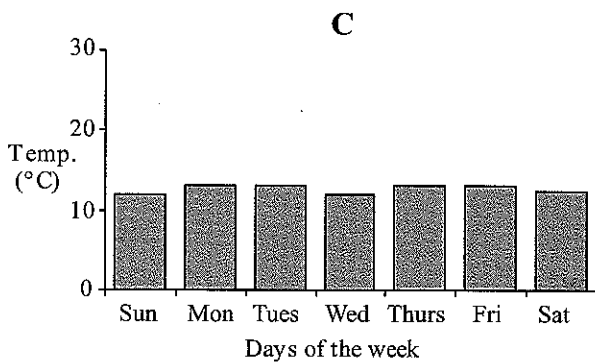
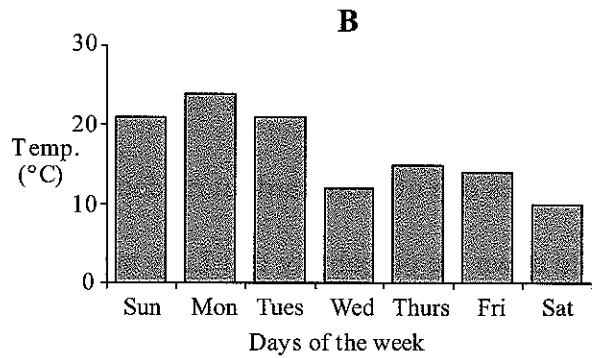
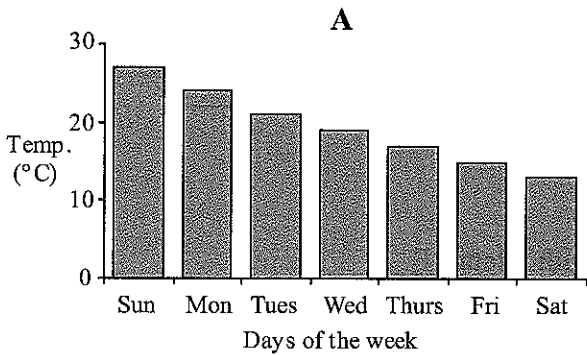
.....
(2)

(Total 4 marks)

Q1



2. Here are four bar charts showing information about the temperatures at midday in four different cities last week.



Put a cross in the box underneath the letter of the bar chart which best matches the sentences.

One has already been done for you.

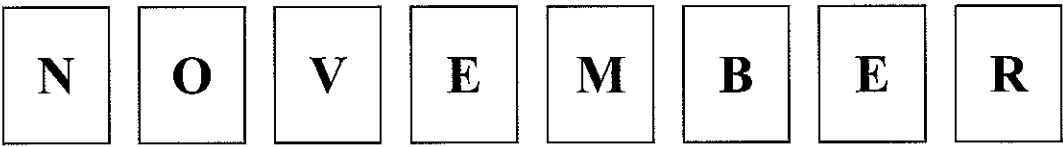
	A	B	C	D
(i) Each temperature at midday was higher than the day before.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(ii) Each temperature at midday was about the same.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(iii) Each temperature at midday was lower than the day before.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

(Total 2 marks)

Q2



3. Lucy uses some letter cards to spell the word "NOVEMBER".



Lucy takes one of these cards at random.

Write down the probability that Lucy takes a card with a letter E.

.....

(Total 2 marks)

Q3

4. A factory makes three sizes of bookcase. The sizes are small, medium and large.

Each bookcase can be made from pine or oak or yew.

The two-way table shows some information about the number of bookcases the factory makes in one week.

	Small	Medium	Large	Total
Pine	7			23
Oak		16		34
Yew	3	8	2	13
Total	20		14	

Complete the two-way table.

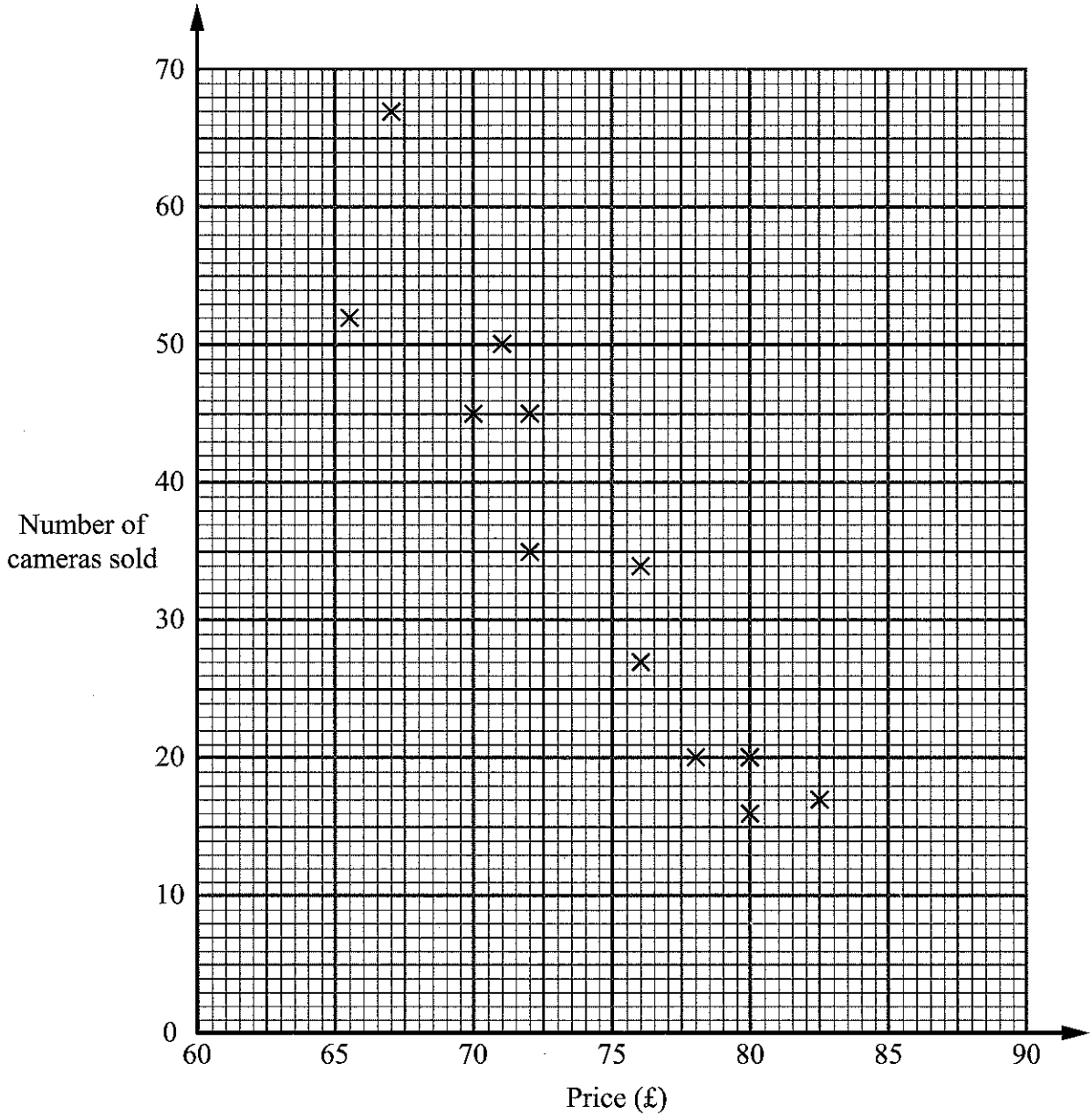
(Total 3 marks)

Q4



5. A superstore sells the Clicapic digital camera. The price of the camera changes each week. Each week the manager records the price of the camera and the number of cameras sold that week.

The scatter graph shows this information.



(a) Describe the relationship between the price of the camera and the number of cameras sold.

.....
.....

(1)

(b) Draw a line of best fit on the scatter graph.

(1)

(Total 2 marks)

Q5



6. Poppy wants to find out for how much time people use their computer.
She uses this question on a questionnaire.

For how much time do you use your computer?

0-1 hours	<input type="checkbox"/>	3-4 hours	<input type="checkbox"/>
1-2 hours	<input type="checkbox"/>	4-5 hours	<input type="checkbox"/>
2-3 hours	<input type="checkbox"/>	5-6 hours	<input type="checkbox"/>

Write down **two** things that are wrong with this question.

- 1
-
- 2
-

(Total 2 marks)

Q6

TOTAL FOR SECTION B: 15 MARKS
TOTAL FOR PAPER: 30 MARKS

END



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