

Surname	Centre Number	Candidate Number
Other Names		0



**GCSE**

4241/02

**GEOGRAPHY  
(Specification B)  
HIGHER TIER  
UNIT 1**

P.M. TUESDAY, 13 May 2014

1 hour

**Suitable for Modified Language Candidates**

For Examiner's use only		
Question	Maximum Mark	Mark Awarded
1.	30	
SPaG	3	
2.	30	
SPaG	3	
<b>Total</b>	<b>66</b>	

**INSTRUCTIONS TO CANDIDATES**

Use black ink or black ball-point pen. Do not use gel pen or correction fluid.

Write your name, centre number and candidate number in the spaces at the top of this page.

Answer **both** questions. At the end of each question there is a choice of case studies.

Write your answers in the spaces provided in this booklet.

If you run out of space, use the continuation pages at the back of the booklet, taking care to number the question(s) correctly.

**INFORMATION FOR CANDIDATES**

The number of marks is given in brackets [ ] at the end of each question or part-question.

You are reminded that assessment will take into account the quality of written communication used in your answers to questions 1(e) and 2(e).

In addition, your ability to spell, punctuate and use grammar accurately will be assessed in your answers to questions 1(e) and 2(e).

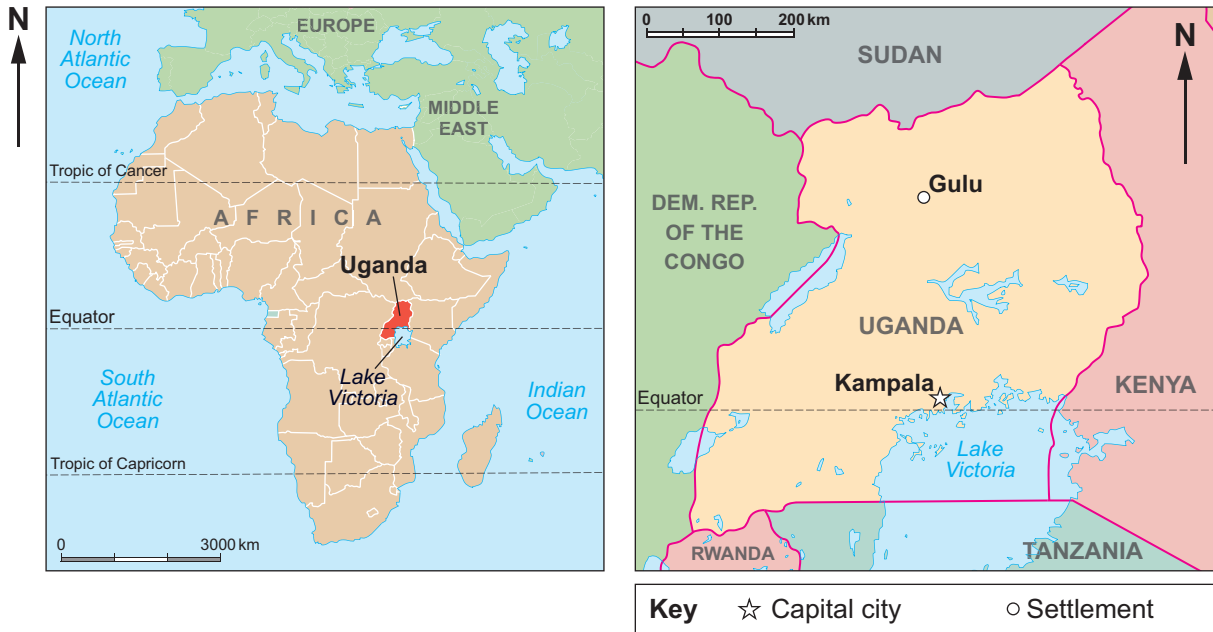


M A Y 1 4 4 2 4 1 0 2 0 1

**Theme 1: Challenges of Living in a Built Environment**

Answer all parts of (a) to (d). There is a choice of questions in (e).

1. (a) Study the maps below.



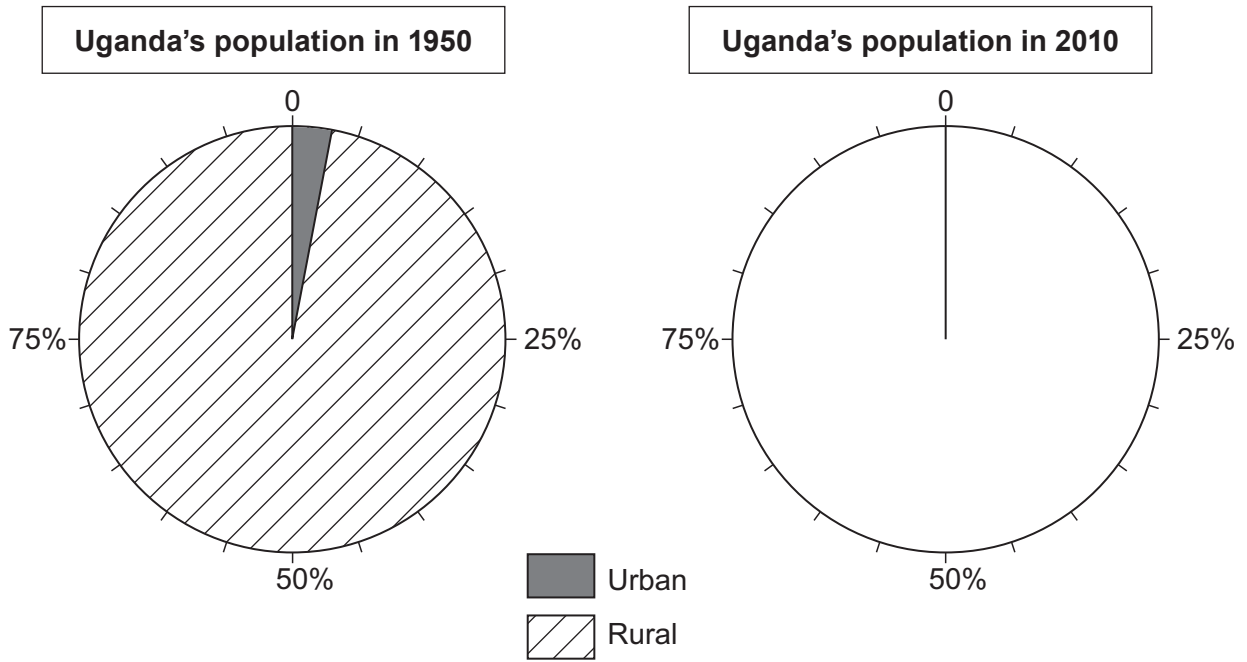
Tick (✓) the correct answers in the sentences below.

[3]

- |   |                   |                          |
|---|-------------------|--------------------------|
|   | <b>Kenya</b>      | <input type="checkbox"/> |
| (i) To the east, Uganda shares a border with the country of     | <b>Rwanda</b>     | <input type="checkbox"/> |
|   | <b>Tanzania</b>   | <input type="checkbox"/> |
|   | <b>north</b>      | <input type="checkbox"/> |
| (ii) In which part of Uganda is Lake Victoria?                  | <b>south-east</b> | <input type="checkbox"/> |
|   | <b>south-west</b> | <input type="checkbox"/> |
|   | <b>170</b>        | <input type="checkbox"/> |
| (iii) The city of Gulu is how many kilometers north of Kampala? | <b>270</b>        | <input type="checkbox"/> |
|   | <b>370</b>        | <input type="checkbox"/> |



(b) The pie chart below shows Uganda's urban and rural population in 1950.



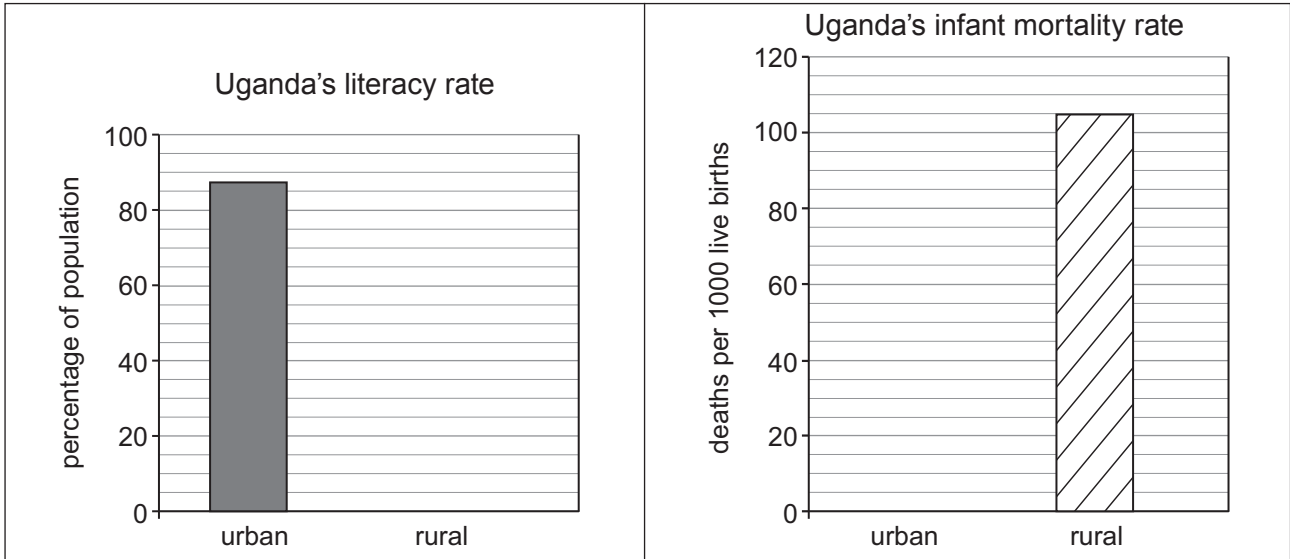
Complete the pie chart for 2010 using the following figures and the key provided. [2]

Percentage (%) of population in Uganda living in <b>urban</b> areas	12%
Percentage (%) of population in Uganda living in <b>rural</b> areas	88%

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(c) Study the information below. It shows differences between urban and rural Uganda.



(i) Select information from the table below to complete the graphs. [2]

	Urban	Rural
Literacy Rate	87%	66%
Infant mortality rate per 1000 live births	76	105
Life expectancy (years)	52	45
Access to safe drinking water	91%	64%

(ii) Compare **two** features of quality of life in urban and rural areas. [4]

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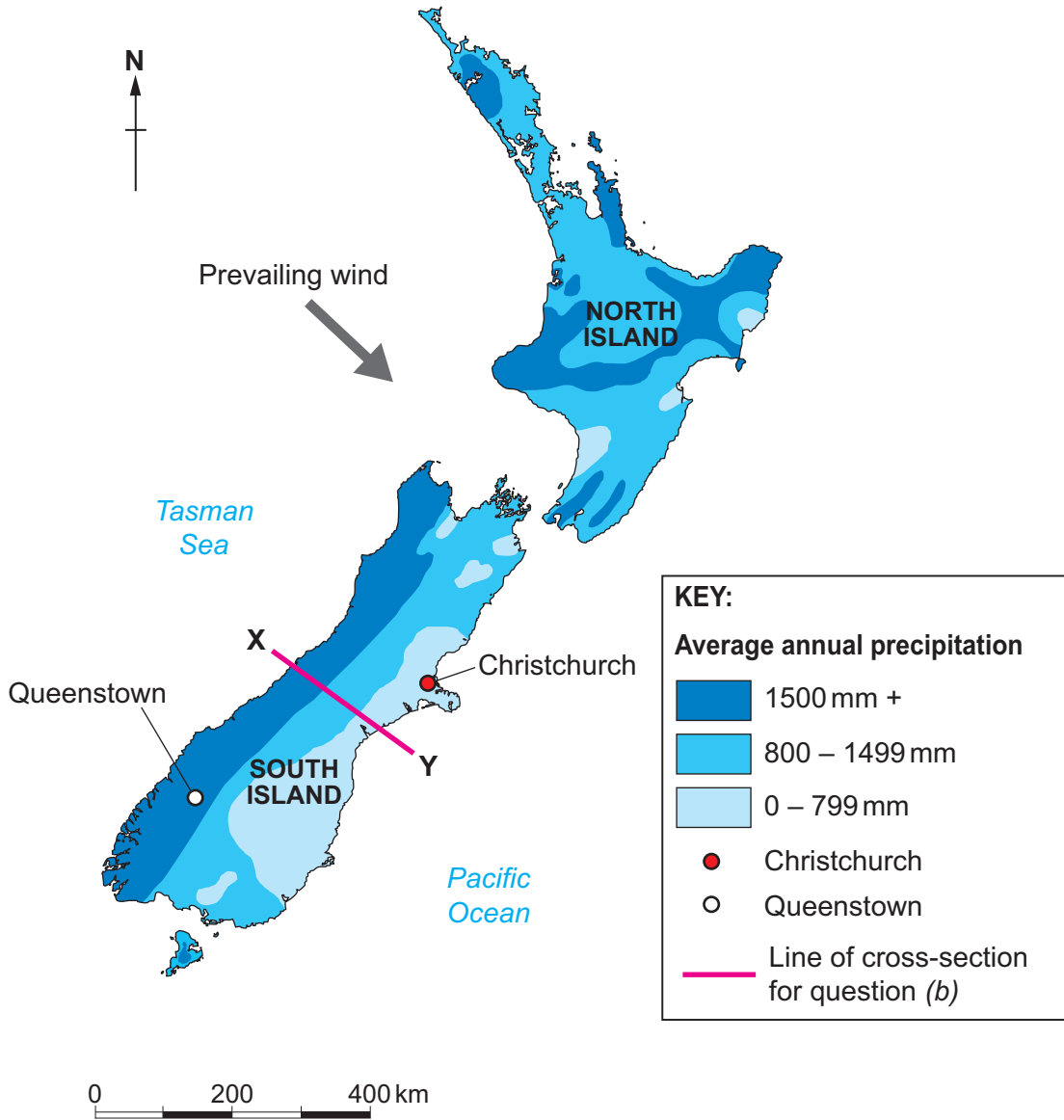


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**Theme 2: Physical Processes and the Relationships between People and Environments**

*Answer all parts of (a) to (d). There is a choice of question in (e).*

2. Study the map below. It shows the pattern of precipitation across New Zealand.



(a) Describe the pattern of precipitation across South Island, New Zealand.

[3]

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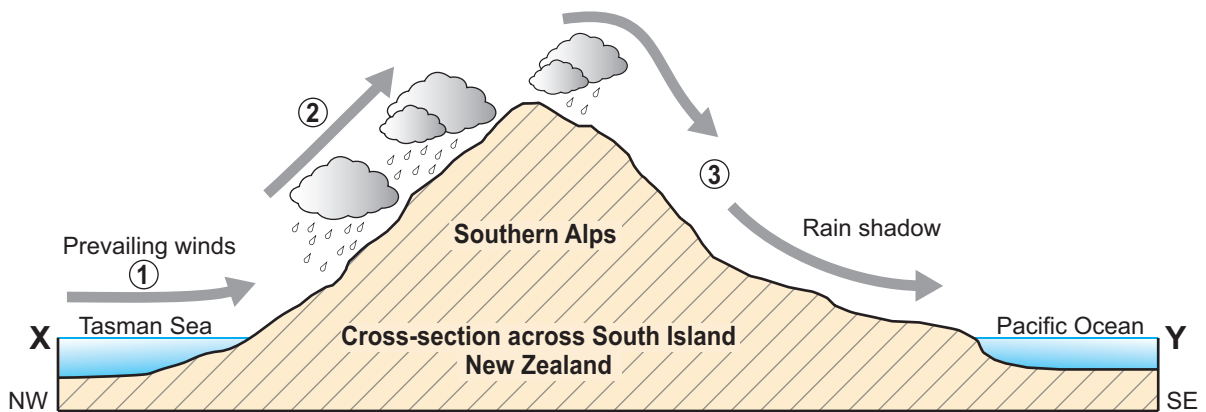
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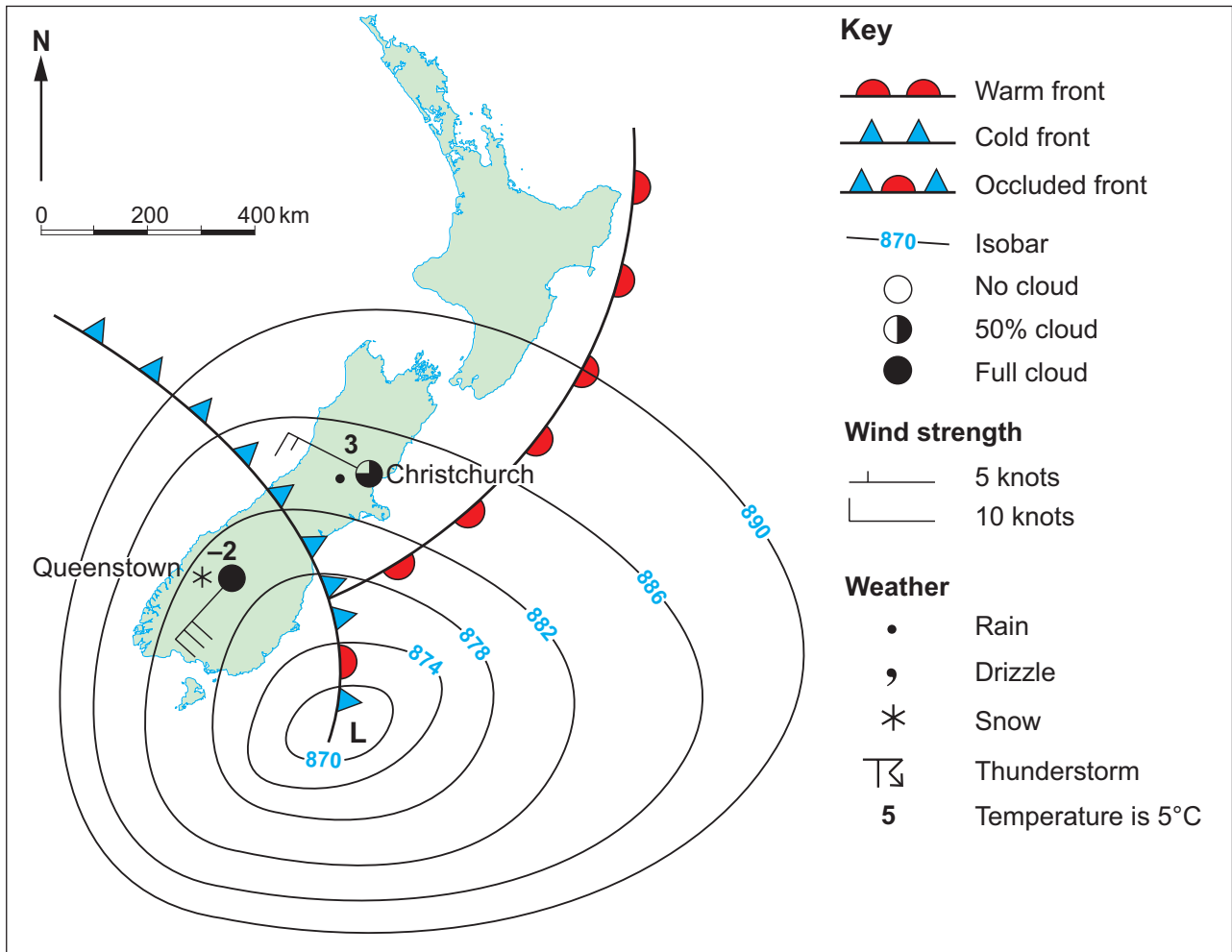


(b) Relief rainfall influences the pattern of precipitation in New Zealand.

Complete the diagram below by adding annotation at points 1, 2 and 3 to explain the process of *relief rainfall*. [4]



- (c) Precipitation in New Zealand is also associated with the passage of depressions across the country. The weather map below shows a depression crossing New Zealand in August 2011. August is a winter month in New Zealand because it is in the Southern hemisphere.



## “Poor weather brings chaos to some parts of New Zealand”

August 2011


It was reported that many important services were disrupted, for example:

- airports were closed;
- roads were blocked;
- electricity supplies were cut;
- telephone lines were down.





(d) Study the map and the information box about the island of Tuvalu.

 <p>The location of Tuvalu</p>	<p style="text-align: center;"><b>Tuvalu suffers from drought</b></p> <p>In September 2011 the 10 000 residents of Tuvalu suffered a drought.</p> <ul style="list-style-type: none"><li>• Tuvalu has limited groundwater. This is now contaminated by sea water;</li><li>• New Zealand sent emergency aid, including 60 000 bottles of water.</li></ul>
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(i) Suggest why drought causes particular problems for islands such as Tuvalu. Explain your answer. [3]

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