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

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

### **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).



## 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.





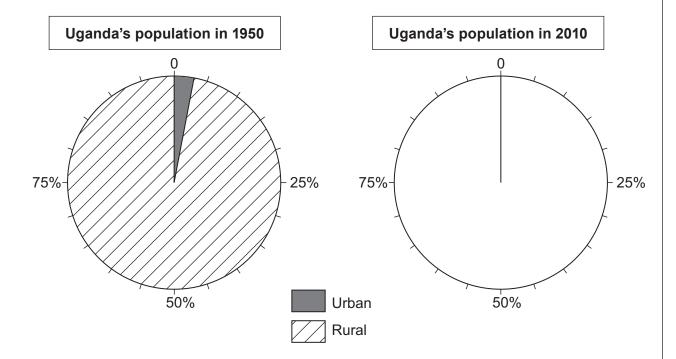
370

**Tick** (/) the correct answers in the sentences below.

[3	31

		Kenya	
(i)	To the east, Uganda shares a border with the country of	Rwanda	
		Tanzania	
		north	
(ii)	In which part of Uganda is Lake Victoria?	south-east	
		south-west	
		170	
(iii)	The city of Gulu is how many kilometers north of Kampala?	270	





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

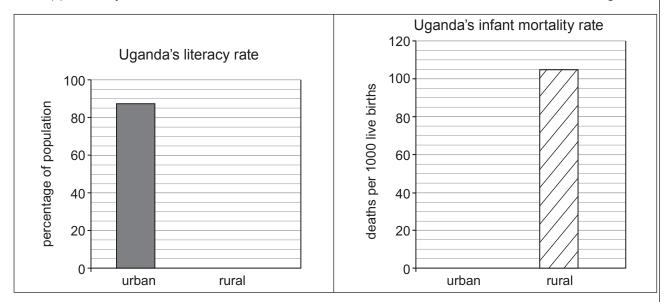
F	Percentage (%) of population in Uganda living in <b>urban</b> areas	12%
F	Percentage (%) of population in Uganda living in rural areas	88%

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Turn over.

[2]

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



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

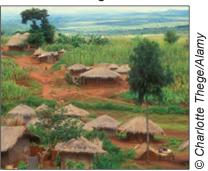
	Urban	Rural
Literacy Rate	87%	66%
Infant mortality rate per 1000 live births	76	105
Life expectancy (years)	52	45
Access to safe drinking water	91%	64%

(	ii)	Compare <b>two</b> features of quality of life in urban and rural areas.	[4]
•••	•••••		
•••			• • • • • • • • • • • • • • • • • • • •
•••	• • • • • • •		••••••••••••



## (d) In many countries people are moving from rural areas to live in urban areas.

## Rural Uganda



Kampala, an urban area of Uganda



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(1)	⊨xpiain wr	ny people migi	nt leave rural	areas of Ugar	nda to move to	cities in Ugand	a 5]
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	Suggest ways in which rural to urban migration may affect urban areas.	[6]
••••••		



	only
se of grammar in this	
Tick (√) your choice	
[8+3]	8
······	
	your choice



(e)

Examiner only

## **End of Theme 1**



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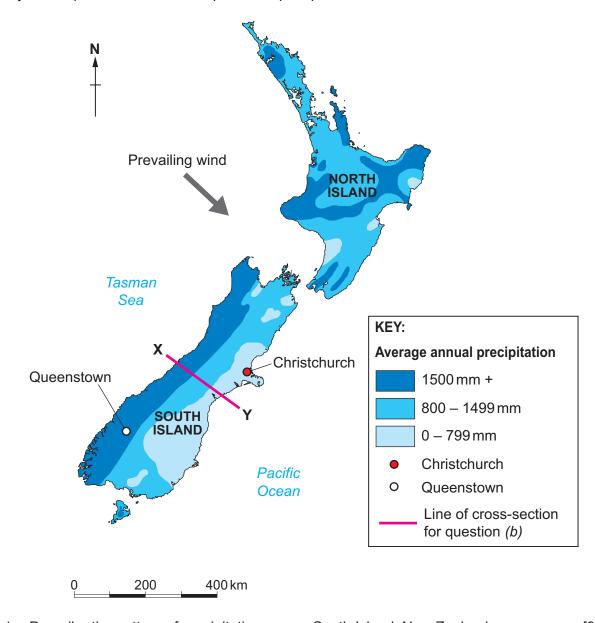
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## Theme 2: Physical Processes and the Relationships between People and Environments

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.

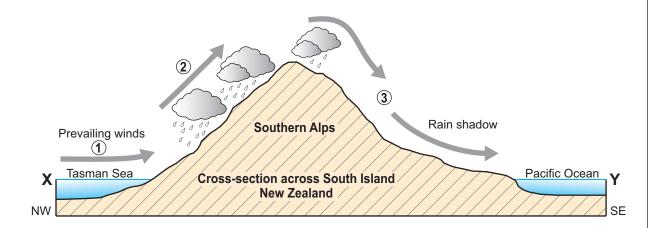


(a)	Describe the pattern of precipitation across South Island, New Zealand.	[3]
•••••		······································
		······································



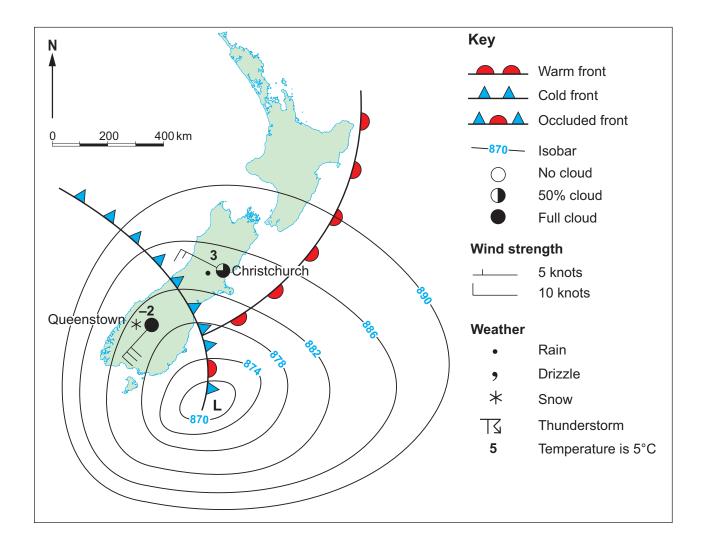
(b) Relief rainfall influences the pattern of precipitation in New Zealand.

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.



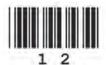
## "Poor weather brings chaos to some parts of New Zealand"

August 2011

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

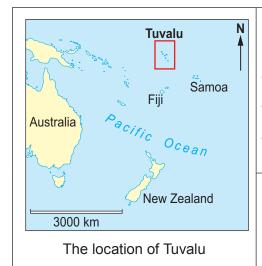
(4241-02)

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



The area around Queenstown faced serious social and of the storm. Use information from the weather map and twhy.	economic disruption as a result the newspaper article to explain [6]

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



### Tuvalu suffers from drought

In September 2011 the 10 000 residents of Tuvalu suffered a drought.

- Tuvalu has limited groundwater. This is now contaminated by sea water; New Zealand sent emergency aid, including 60 000
- bottles of water.

(i)	Suggest why drought causes particular problems for islands such as Tuvalu. Explayour answer.		



(ii)	Drought sometimes aff individuals and organisa	ects <b>other</b> parts tions can respond	of the world. to drought.	Suggest ways	in which [6]
•••••					
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Ca	se Studies		only
An	swer only <b>one</b> of the questions, either (i) or (ii).		
	u will be assessed on your spelling, punctuation and accurate use o	f grammar in this	
Eit	her,	Tick (√) your choice	
(i)	A case study about one ecosystem:		
	<ul> <li>Name the ecosystem.</li> <li>Describe how people manage this ecosystem.</li> <li>Explain why this management is necessary.</li> </ul>		
Or,			
(ii)	A case study about the management of one river at a local scale:		
	<ul> <li>Name the river.</li> <li>Describe how the river is managed at a local scale.</li> <li>Explain why this management is necessary.</li> </ul>	[8+3]	
			Ω .
			anly 8



(e)

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**End of Theme 2** 

**END OF PAPER** 



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Question	Additional page if required	Examine
Question number	Additional page, if required. Write the question number(s) in the left-hand margin.	only
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