

Write your name here

Surname

Other names

Pearson
Edexcel GCE

Centre Number

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Candidate Number

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Geography

Advanced Subsidiary

Unit 2: Geographical Investigations

Friday 16 May 2014 – Afternoon
Time: 1 hour 15 minutes

Paper Reference

6GE02/01

You must have:
Resource Booklet (enclosed)

Total Marks

Instructions

- Use **black** ink or ball-point pen.
- **Fill in the boxes** at the top of this page with your name, centre number and candidate number.
- Answer **ONE** question in Section A and **ONE** question in Section B.
- Answer the questions in the spaces provided
– *there may be more space than you need.*

Information

- The total mark for this paper is 70.
- The marks for **each** question are shown in brackets
– *use this as a guide as to how much time to spend on each question.*
- The quality of your written communication will be assessed in ALL your responses
– *you should take particular care with your spelling, punctuation and grammar, as well as the clarity of expression.*

Advice

- Read each question carefully before you start to answer it.
- Keep an eye on the time.
- Spend approximately 35–40 minutes on Section A and 35–40 minutes on Section B.
- Check your answers if you have time at the end.

Turn over ►

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SECTION A

Answer ONE question in this section.

Indicate which question you are answering by marking a cross in the box ☒. If you change your mind, put a line through the box ☒ and then indicate your new question with a cross ☒.

Candidates should use the resources provided, their own ideas, and relevant fieldwork and research which they have carried out.

EXTREME WEATHER

If you choose to answer Question 1, put a cross in the box ☒ .

1 Study Figure 1.

(a) Describe how the possible impacts of the conditions shown in Figure 1 might vary from state to state.

(10)

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(b) Using examples, explain how **technology** can be used to manage the impacts of extreme weather events.

(10)

A series of horizontal dotted lines for writing the answer.



Blank writing area with horizontal dotted lines.



(c) Describe the fieldwork and research **methods** you used to complete a weather diary of meteorological conditions.

(15)

A series of horizontal dotted lines for writing the answer.



(Total for Question 1 = 35 marks)



P 4 2 8 8 2 A 0 7 2 8

Candidates should use the resources provided, their own ideas, and relevant fieldwork and research, which they have carried out.

CROWDED COASTS

If you choose to answer Question 2, put a cross in the box .

2 Study Figure 2.

(a) Using Figure 2 and examples, suggest why **managed natural retreat** is a controversial choice for coastal management.

(10)

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Handwriting practice area with 20 horizontal dotted lines.



(b) Using examples, explain how **coastal development** (such as housing and industry) can have both economic benefits and environmental costs.

(10)

A series of horizontal dotted lines for writing the answer.



Handwriting practice area with 15 horizontal dotted lines.



P 4 2 8 8 2 A 0 1 1 2 8

(c) Describe the fieldwork and research **methods** that you used to investigate the success of coastal defences along a named stretch of coastline.

(15)

Named stretch of coastline

A series of horizontal dotted lines provided for writing the answer to the question.



Ruled area for writing answers, consisting of 30 horizontal dotted lines.

(Total for Question 2 = 35 marks)

TOTAL FOR SECTION A = 35 MARKS



P 4 2 8 8 2 A 0 1 3 2 8

SECTION B

Answer ONE question in this section.

Candidates should use the resources provided, their own ideas, and relevant fieldwork and research which they have carried out.

UNEQUAL SPACES

If you choose to answer Question 3, put a cross in the box .

3 Study Figure 3.

(a) Describe how initiatives such as the 'pub is the hub' can help to improve the lives of rural people.

(10)

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Handwriting practice area with 20 horizontal dotted lines.



P 4 2 8 8 2 A 0 1 5 2 8

(b) Choose **either** a rural **or** an urban area.

Describe how you **analysed** and **presented** the results of your fieldwork and research into schemes designed to reduce inequalities.

(15)

Named area

Dotted lines for writing

Handwriting practice area with 25 horizontal dotted lines.



(c) Using examples, explain how inequality in **urban** areas can create **both** social and economic problems for people.

(10)

A series of horizontal dotted lines for writing the answer.



(Total for Question 3 = 35 marks)



Handwriting practice area with 20 horizontal dotted lines.



Blank writing area with horizontal dotted lines.



P 4 2 8 8 2 A 0 2 3 2 8

(c) Using examples, explain how some places have used rebranding to become more **sustainable**.

(10)

A series of horizontal dotted lines for writing the answer.



(Total for Question 4 = 35 marks)

TOTAL FOR SECTION B = 35 MARKS
TOTAL FOR PAPER = 70 MARKS



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Pearson Edexcel GCE

Geography

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Unit 2: Geographical Investigations

Friday 16 May 2014 – Afternoon

Resource Booklet

Paper Reference

6GE02/01

Do not return this Resource Booklet with the question paper.

Turn over ►

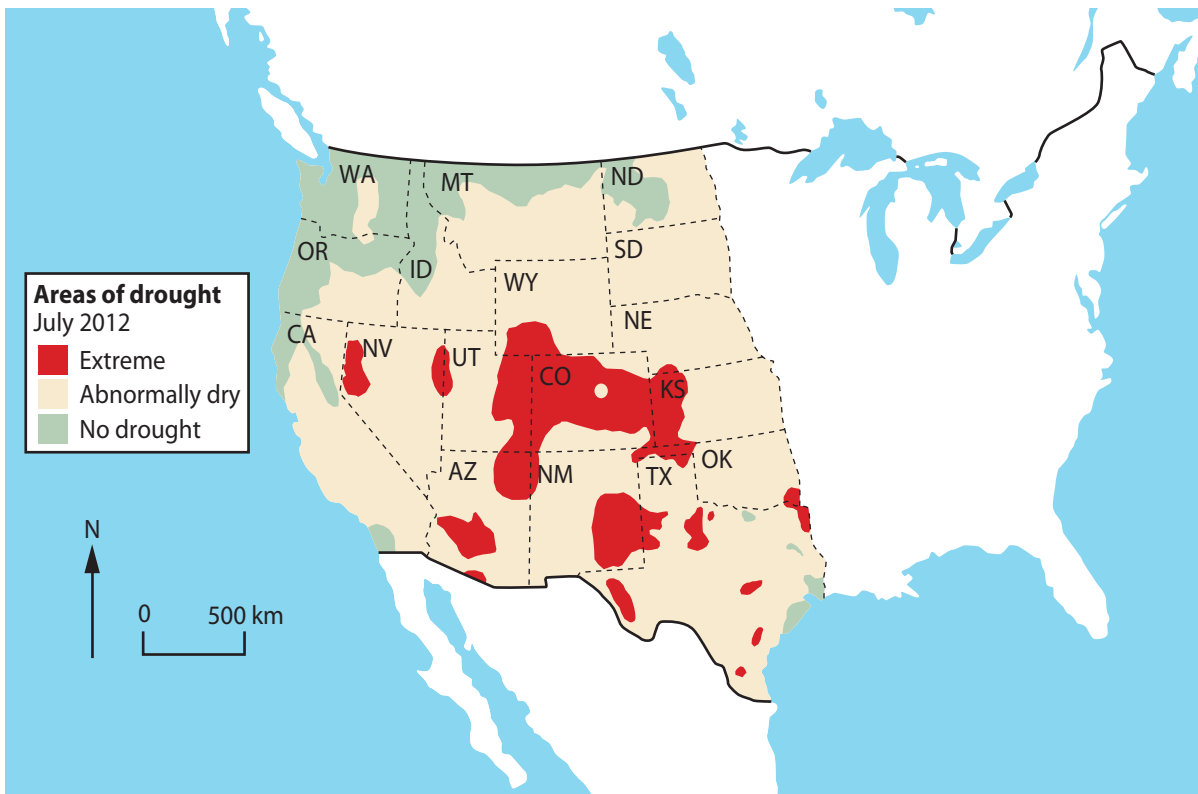
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Key to States shown on the map

WA=Washington	MT=Montana	ND=North Dakota		
OR=Oregon	ID=Idaho	WY=Wyoming	SD=South Dakota	NE= Nebraska
CA=California	NV=Nevada	UT=Utah	CO=Colorado	KS=Kansas
	AZ=Arizona	NM=New Mexico	TX=Texas	OK=Oklahoma

(Source: Drying times, *The Economist*, 21 July 2012)

Figure 1

Map showing the distribution and severity of drought in western USA (July 2012)

Can we afford to defend all of our coastline?



Expensive defences will not save our coast from rising sea levels.

One option is managed natural retreat which works with natural processes.

This allows coasts to flood and erode, rather than trying to protect them.

This approach has economic and environmental costs and benefits.

Views on managed natural retreat depend on who you are and where you live!

Figure 2

A newspaper extract about managed natural retreat, one approach to more sustainable coastal management



'pub is the hub' initiatives

- Internet facility
- Café
- Community-owned pub
- Community room
- Crèche
- Lunch club
- Post office
- School meals service
- Shop
- Youth centre



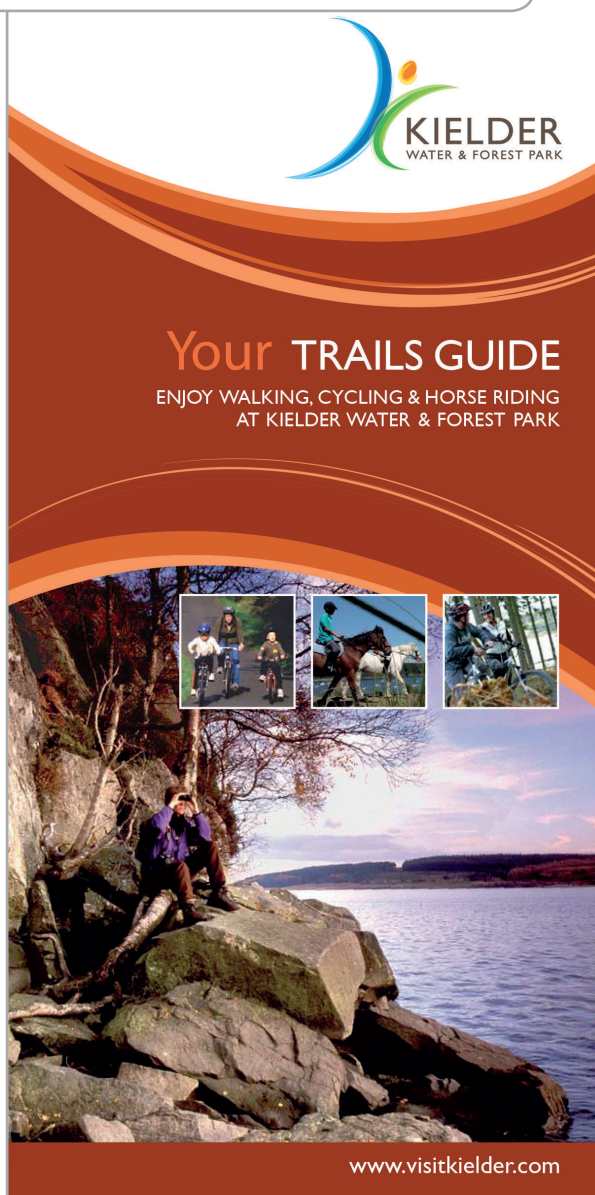
(Source: © 2013 Pub is The Hub)

Figure 3

Information about the 'pub is the hub' rural initiative

1. Kielder.

Forest and reservoir in isolated rural location in north east England becomes water and forest park.



2. Birmingham.

Victorian industrial city becomes major retail and leisure centre in central England.



3. Hong Kong.

ex-British colonial port becomes Asia's World City.



Figure 4

Three examples of rebranded places promoting a new 'image'

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Edexcel a product of Pearson Education Ltd. gratefully acknowledges the following sources:

Drying times, *The Economist*, 21 July 2012

Considering a Coastal Home with a Sea View?, *homehighlight.co.uk*

Pub is the Hub, 2011

Trails guide, *visitkielder.com*,

Explore the city with our latest Families' Map, *visitbirmingham.com*

Hong Kong Tourism Board, 2013

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