

Write your name here

Surname

Other names

Centre Number

Candidate Number

Edexcel GCE

Geography

Advanced Subsidiary

Unit 2: Geographical Investigations

Tuesday 25 May 2010 – 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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Handwriting practice area with 20 horizontal dotted lines.



Handwriting practice area with 20 horizontal dotted lines.



Handwriting practice area with 25 horizontal dotted lines.

(Total for Question 1 = 35 marks)



Handwriting practice area with 20 horizontal dotted lines.



(b) Study Figure 2.

Comment on the **advantages** and **disadvantages** of the two approaches to evaluating coastal defences.

(10)

A series of horizontal dotted lines for writing the answer.



Handwriting practice area with 20 horizontal dotted lines.



Handwriting practice area with 25 horizontal dotted lines.

(Total for Question 2 = 35 marks)

TOTAL FOR SECTION A = 35 MARKS



Handwriting practice area with 20 horizontal dotted lines.



(b) Examine the **reasons** why peoples' **quality of life** varies from place to place.

(10)

A series of horizontal dotted lines for writing.



Handwriting practice area with 20 horizontal dotted lines.



(c) Summarise the **results** and **conclusions** of your **fieldwork** and **research** into the success of schemes to reduce **urban inequalities**.

(15)

A series of horizontal dotted lines for writing the answer.



Handwriting practice area with 25 horizontal dotted lines.

(Total for Question 3 = 35 marks)



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

REBRANDING PLACES

If you choose to answer Question 4, put a cross in the box .

4 Study Figure 4.

(a) Comment on how the **data** shown for the large urban areas indicate a **varying need** for regeneration.

(10)

Area for writing the answer, consisting of multiple horizontal dotted lines.



Handwriting practice area with 20 horizontal dotted lines.



(b) Examine the **link** between deprivation and the need for rebranding in some **rural** areas.

(10)

A series of horizontal dotted lines for writing the answer.



Handwriting practice area with 20 horizontal dotted lines.



(c) Summarise the **results** and **conclusions** of your **fieldwork** and **research** into the success of **urban rebranding** schemes.

(15)

A series of horizontal dotted lines for writing the answer.



Blank writing area with horizontal dotted lines.

(Total for Question 4 = 35 marks)

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



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Do not return this Resource Booklet with the question paper.

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Figure 1 Two ways of recording weather: a weather log book and the output from an automated weather station

APPROACH A

MARCH

YEAR: 2007



OBSERVATIONS

1	mild but with light drizzle 10:02am	12°C	•	☾	←
2	Rained most of the day 10:14am	11°C	••	☾	←
3	Some sunshine 9:56am	9°C		☾	↖
4	Cooler with stronger winds 10:05am	8°C		☾	↖
5	Very clear Rainbow 10:25am	10°C	•	☾	→
6					
7	mild, again drizzle 9:50am	10°C	•	☾	→
WEEKLY SUMMARY AND AVERAGES:		10°C		☾	

APPROACH B

Weather Graph for week of 31 August 2008

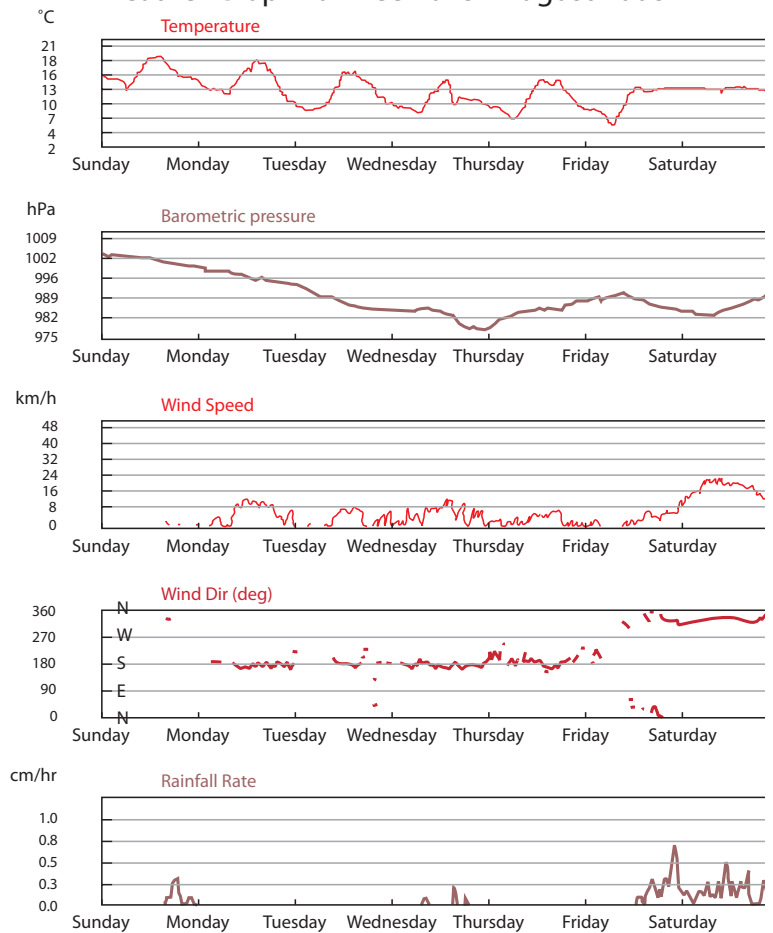


Figure 2 Two different approaches that can be used to assess and evaluate coastal defences

APPROACH A

LOCATION: Walton on the Naze		TYPE OF DEFENCE: Sea Wall						
		SCORE						
NEGATIVE FACTOR	-3	-2	-1	1	2	3	POSITIVE FACTOR	
Vulnerable to erosion		✓					Effective protection against erosion	
Vulnerable to overtopping	✓						Effective against overtopping	
Ugly					✓		Enhances natural environment	
Poor access to beach			✓				Good provision made for access to beach	
High safety risk to general public						✓	No obvious safety risk to general public	
Short lifespan and/or high maintenance costs						✓	Good life expectancy and/or low maintenance costs	
High levels of disturbance caused to local people during construction	✓						Low levels of disturbance caused to local people during construction	
Disturbs natural coastal processes and habitats			✓				Maintains natural coastal processes and habitats	
		-6	-2	-2	0	+2	+6	Total score = -2

APPROACH B



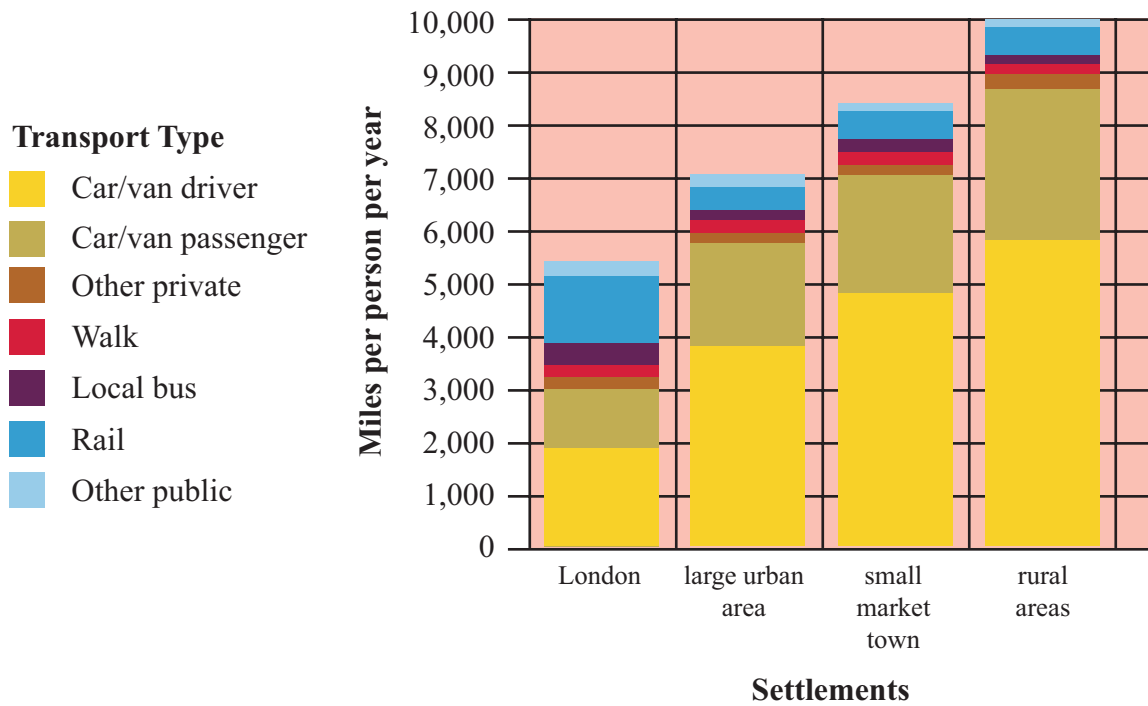
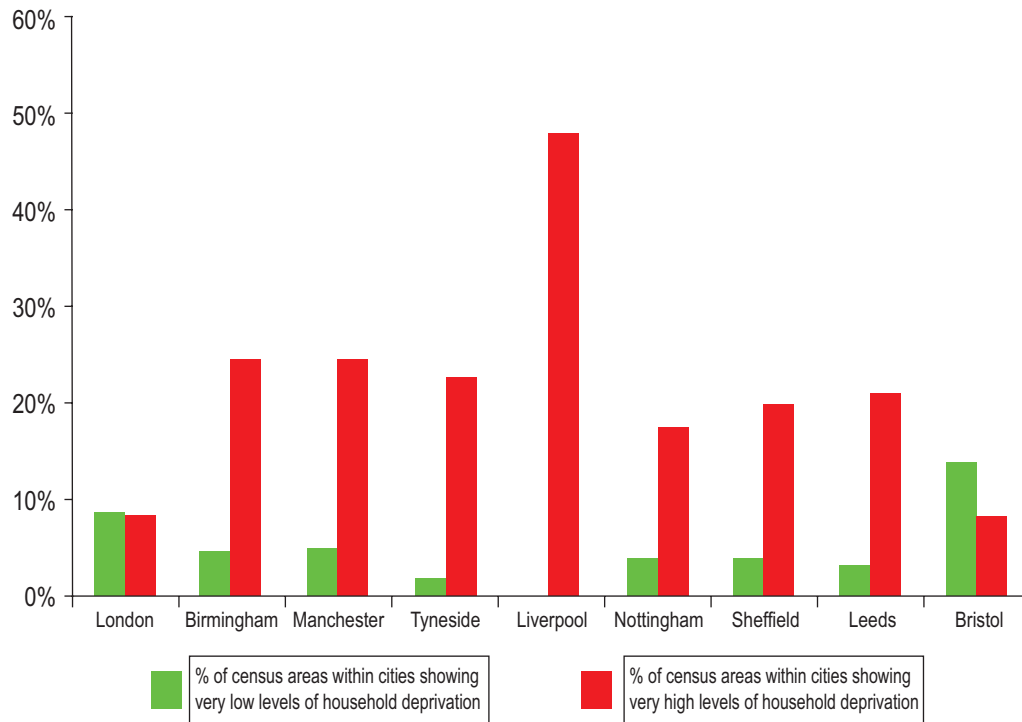
Coastal	Field sketch or site photo	Written description of how it works	General comments	(A) Approximate cost / 100m (£)	(B) Length / distance (m)	Total cost (£)
Rip-Rap		Large rocks are used to protect cliffs or beach	Visually unappealing; difficult to get the rocks to the beach	132,000	25	33,000
Concrete sea wall		Hard protection to reduce the impacts of strong waves and swells	Looks unnatural and out-of-place. Environmental impact of concrete?	350,000	200	700,000
Groynes						

Figure 3 The influence of settlement size on distance travelled and type of transport used



(Source: DTI, 2008 National Travel Survey)

Figure 4 The incidence of most and least deprived neighbourhoods in a selection of UK cities (2004 data)



Note: Output Areas are a census unit representing about 100 households.

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