

Please write clearly in block capitals.

Centre number

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Candidate number

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Surname

Forename(s)

Candidate signature

I declare this is my own work.

INTERNATIONAL GCSE GEOGRAPHY

Paper 3 Geographical and Fieldwork Skills

Thursday 7 November 2024 07:00 GMT Time allowed: 1 hour 15 minutes

Materials

For this paper you must have:

- a ruler with millimetre measurements
- a calculator, which you are expected to use where appropriate.

Instructions

- Use black ink or black ball-point pen.
- Fill in the boxes at the top of this page.
- Answer **all** questions.
- You must answer the questions in the spaces provided.
Do not write outside the box around each page or on blank pages.
- If you need extra space for your answer(s), use the lined pages at the end of this book. Write the question number against your answer(s).
- All working must be shown.
- Do all rough work in this book. Cross through any work you do not want to be marked.

Information

- The maximum mark for this paper is 60.
- The marks for questions are shown in brackets.
- You may use a bilingual dictionary for this exam.
- You may **not** use an English dictionary.

For Examiner's Use	
Section	Mark
A	
B	
C	
TOTAL	



N 0 V 2 4 9 2 3 0 3 0 1

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Section A

Geographical skills

Answer **all** questions in the spaces provided.

For the multiple-choice questions, shade the circle next to the correct answer.

CORRECT METHOD



WRONG METHODS



If you want to change your answer you must cross out your original answer as shown. 

If you wish to return to an answer previously crossed out, ring the answer you now wish to select as shown. 

- 0 1 . 1** Which type of map could be used to show the direction and volume of exports from one country to other countries?

Shade **one** circle only.

[1 mark]

- A** A choropleth map 
- B** A dot map 
- C** A flow line map 
- D** An isoline map 

- 0 1 . 2** What distance would a 12 cm line represent on a 1:25 000 scale map?

Shade **one** circle only.

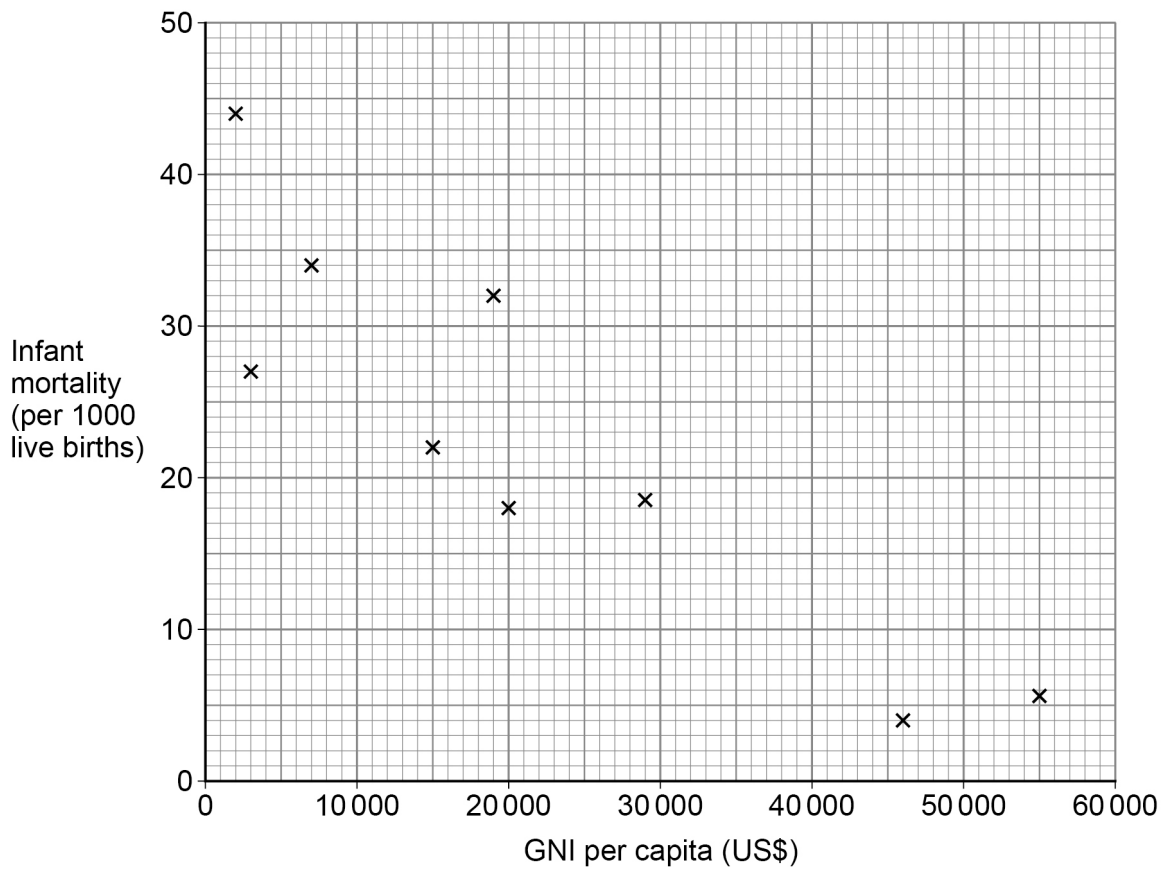
[1 mark]

- A** 2.5 km 
- B** 3.0 km 
- C** 4.8 km 
- D** 30.0 km 



Study **Figure 1**, a scattergraph showing the relationship between Gross National Income (GNI) per capita and infant mortality for selected countries.

Figure 1



0 2 . 1 Complete **Figure 1** using the information given for Oman.

[1 mark]

	GNI per capita (US\$)	Infant mortality (per 1000 live births)
Oman	35 000	11

0 2 . 2 Draw a line of best fit on the scattergraph in **Figure 1**.

[1 mark]

0 2 . 3 State the relationship between GNI per capita and infant mortality rates shown in **Figure 1**.

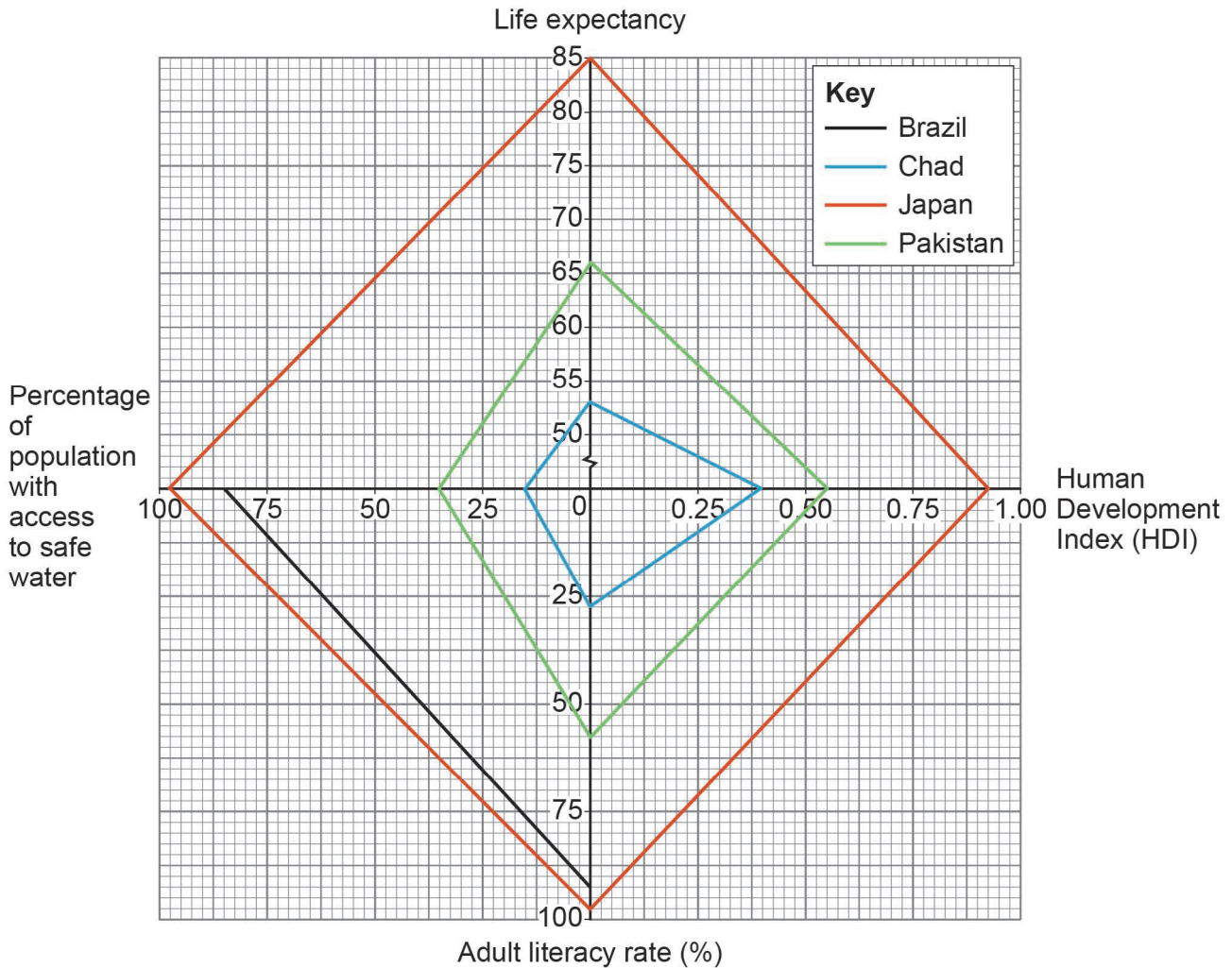
[1 mark]

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Study **Figure 2**, a diagram showing development indicators for four countries.

Figure 2



0 2 . 4 Complete **Figure 2** using the information given below for Brazil.

[2 marks]

	Life expectancy	Human Development Index (HDI)
Brazil	73	0.75

0 2 . 5 Identify the country with the lowest adult literacy rate.

[1 mark]



0	2	.	6
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Outline **one** reason for uneven development between countries.

[2 marks]

Turn over for the next question

Turn over ►



Study **Figure 3**, a photograph showing a hot desert landscape.

Figure 3



0 3 . 1

Describe the physical landscape shown in **Figure 3**.

[4 marks]

Question 3 continues on the next page

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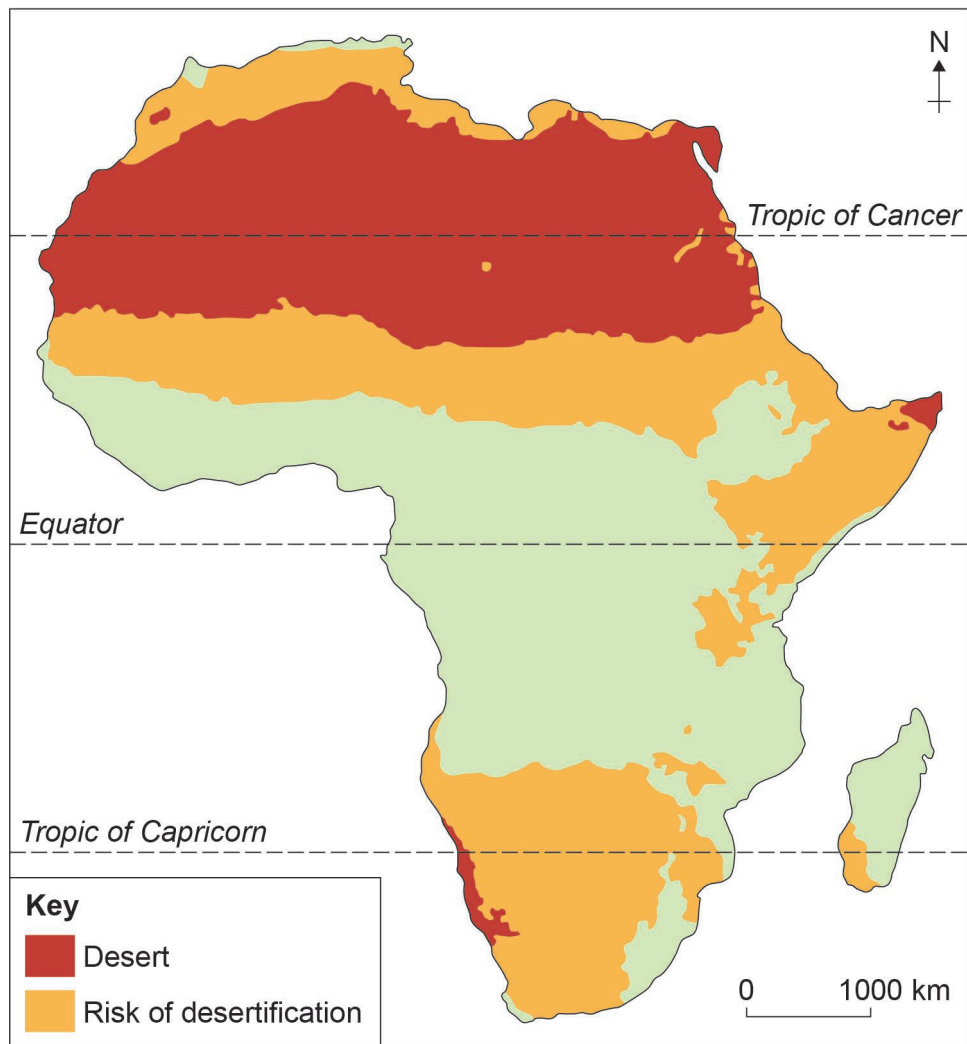
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ANSWER IN THE SPACES PROVIDED**

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Study **Figure 4**, a map of Africa, showing areas of desert and areas at risk of desertification.

Figure 4



03.2

Describe the distribution of areas that are at risk of desertification in **Figure 4**.**[4 marks]**

03.3

Suggest **two** reasons why areas on the fringe of hot deserts are at risk of desertification.**[2 marks]**

1

2

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Section B

Fieldwork skills (unfamiliar contexts)

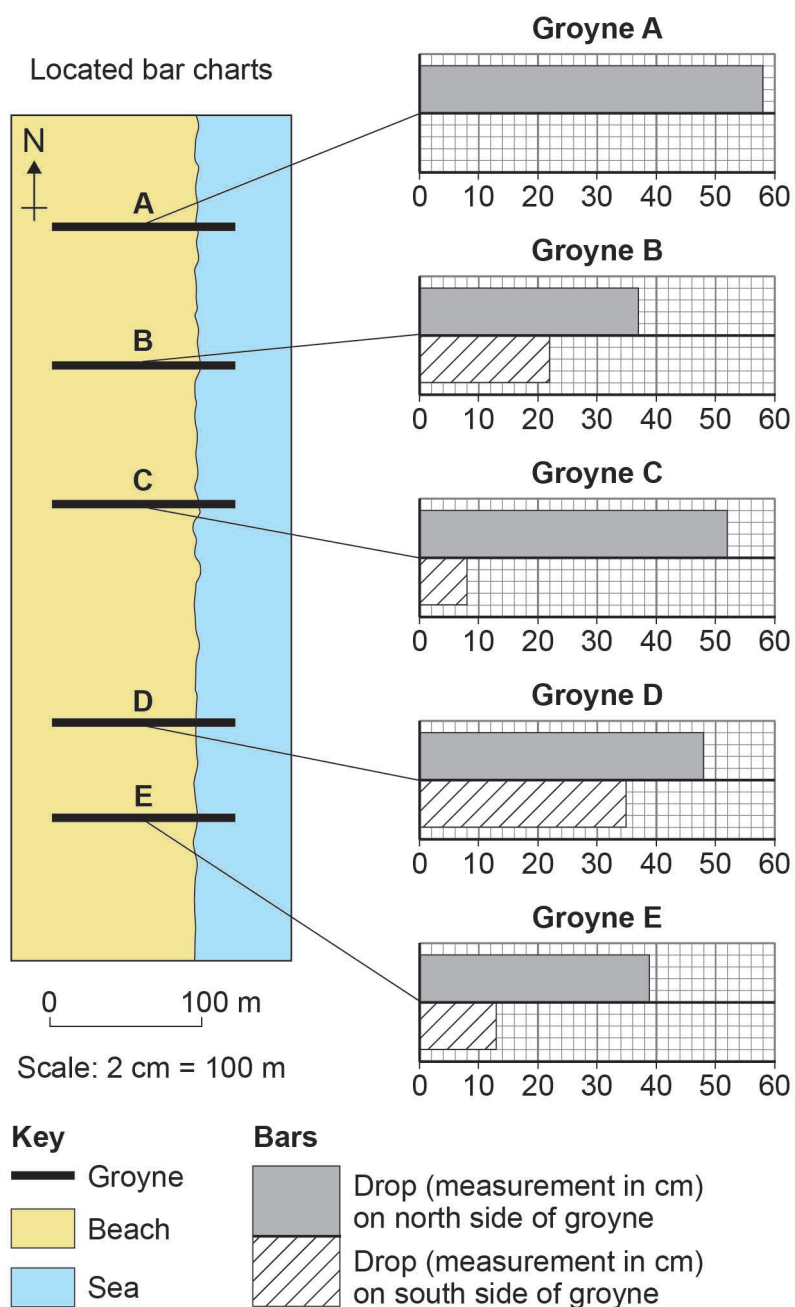
Answer **all** questions in the spaces provided.

A group of students completed a fieldwork enquiry on a beach on the east coast of Australia to answer the following question:

Is there evidence of longshore drift and, if so, in which direction does it occur?

The students collected data from five groynes on the beach (see **Figure 5** below).

Figure 5



The students measured the 'drop' (the measurement in cm from the top of the groyne to the beach) on both the north side and the south side of each groyne. The measurements were taken once at the central point of each groyne.

Study **Figure 5**, which shows located bar charts drawn by the students to present their data.

0 4 . 1

Complete **Figure 5** using the information below.

[1 mark]

Groyne A	
Drop on south side (in cm)	16

0 4 . 2

Calculate the difference (in cm) between the drop on the north side and the drop on the south side of groyne **C**.

[1 mark]

_____ cm

0 4 . 3

Outline **one** way the reliability of the students' data could be improved.

[2 marks]

Question 4 continues on the next page

Turn over ►



0	4	.	4
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What conclusion(s) can the students draw in relation to their original enquiry questions?

Is there evidence of longshore drift and, if so, in which direction does it occur?

Use **Figure 5** to support your answer.

[4 marks]

0	4	.	5
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Suggest different data (other than the drop measurements) that could be collected to help students with their investigation.

[2 marks]



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A group of students investigated health inequalities between different London boroughs.

Enquiry question:

What are the causes of health inequality between different boroughs in London?

Study **Table 1**, secondary data collected by the students about four London boroughs.

Table 1

Borough	Mean income (£)	Number of patients per doctor	Life expectancy (years)	*Deprivation ranking (within London)
Barking and Dagenham	29 128	2 540	79.0	1
Kensington and Chelsea	73 960	2 120	86.5	18
Richmond	54 688	1 970	84.0	33
Tower Hamlets	45 463	2 250	81.5	4

**Deprivation is ranked from 1 being the most deprived to 33 the least deprived of the 33 London Boroughs.*

0 5 . 1 Calculate the mean life expectancy of the four boroughs being studied.

[1 mark]

_____ years

0 5 . 2 Suggest why this type of secondary data was useful for the enquiry.

[2 marks]



The students focused on comparing health inequalities between two boroughs, Barking and Dagenham, and Richmond.

They surveyed 50 residents living in each of these two boroughs.

Study **Figure 6**, a copy of the survey.

Figure 6

Statement	Strongly agree	Agree	Neither agree/disagree	Disagree	Strongly disagree
	Scores				
	5	4	3	2	1
The environment where I live is healthy					
I understand how to live a healthy lifestyle					
I can afford a healthy diet					
There are good healthcare facilities available where I live					

Which of the following factors are most important in affecting your health?
Rank them from 1 to 6 with rank 1 being the most important factor and 6 the least important

Access to healthcare		Education		Environment (housing, pollution)	
Level of income		Lifestyle (diet and exercise)		Type of employment	

0 5 . 3 Suggest **two** limitations of the survey shown in **Figure 6**.

[2 marks]

1 _____

2 _____

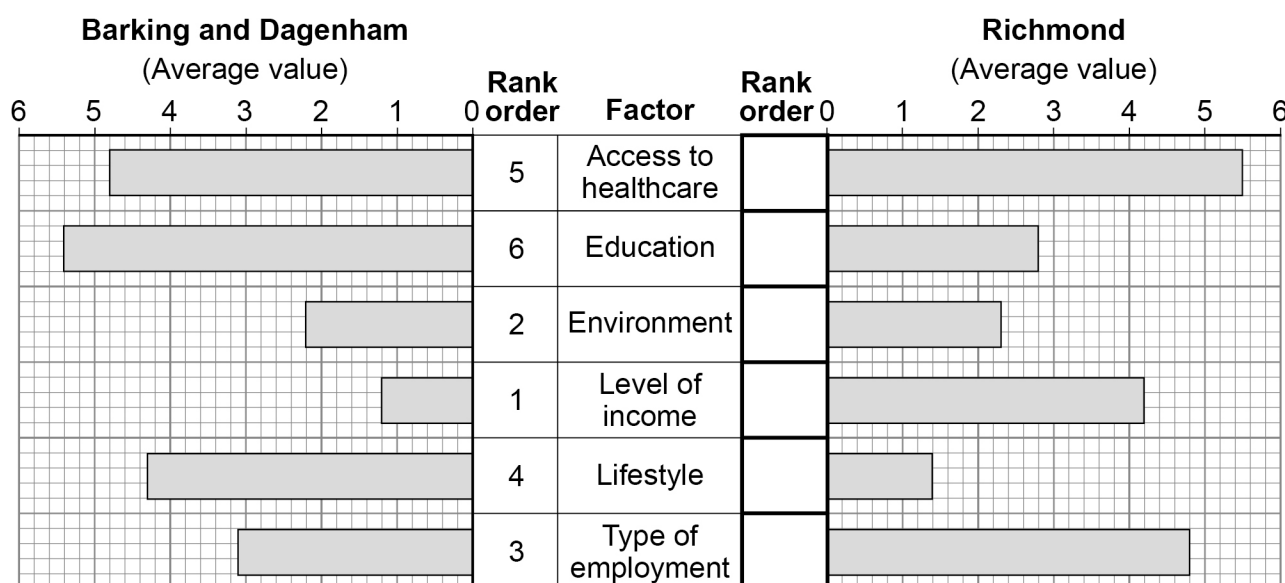
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Study **Figure 7**, a bar chart showing the average values of the factors affecting health stated by the 50 residents in each borough.

Figure 7



**The lower the average value the more important that factor is according to residents' responses.*

The numbers given in the column are the rank order for Barking and Dagenham.

0 5 . 4 Complete **Figure 7** by adding the rank order number from 1–6 inside the column for Richmond.

[1 mark]

0 5 . 5

To what extent are the students able to draw conclusions from their data in relation to the original enquiry question?

What are the causes of health inequality between different boroughs in London?

Use **Table 1**, **Figure 6** and **Figure 7** to support your answer.

[4 marks]

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Section C**Individual fieldwork enquiry**

Answer **all** questions in the spaces provided.

State the title of your geography fieldwork enquiry below.

Fieldwork enquiry title:

Answer the following questions relating to your geography fieldwork enquiry.

0 6 . 1

Explain why your topic was suitable for a geographical fieldwork enquiry.

[2 marks]

0 6 . 2

Outline **one** sampling method used to collect your data.

[2 marks]



0 6 . 3Justify **one** method you used to present your data.**[4 marks]**

0 6 . 4

What conclusions did you reach from the evidence provided by your data?

[6 marks]

Question 6 continues on the next page**Turn over ►**

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06.5

Assess the limitations of the data you collected and how it could be improved.

[6 marks]

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END OF QUESTIONS



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