



Please write clearly, in block capitals.

Centre number

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Candidate number

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Surname

Forename(s)

Candidate signature

GCSE GEOGRAPHY

Paper 3: Geographical applications

Additional specimen

Morning Time allowed: 1 hour 15 minutes

Materials

For this paper you must have:

- a clean copy of the pre-release booklet
- a pencil
- a ruler
- a calculator.

Instructions

- Use black ink or black ball-point pen.
- Fill in the boxes at the bottom 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.
- Do all rough work in this book. Cross through any work you do not want to be marked.


Information


- The marks for questions are shown in brackets.
- The total number of marks available for this paper is 76.
- Spelling, punctuation and grammar will be assessed in Questions 03.1 and 05.4.

Advice

For the multiple-choice questions, completely fill in the circle alongside the appropriate answer(s).

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. 

Section A Issue evaluation

Answer **all** questions.

0 1

Issue evaluation

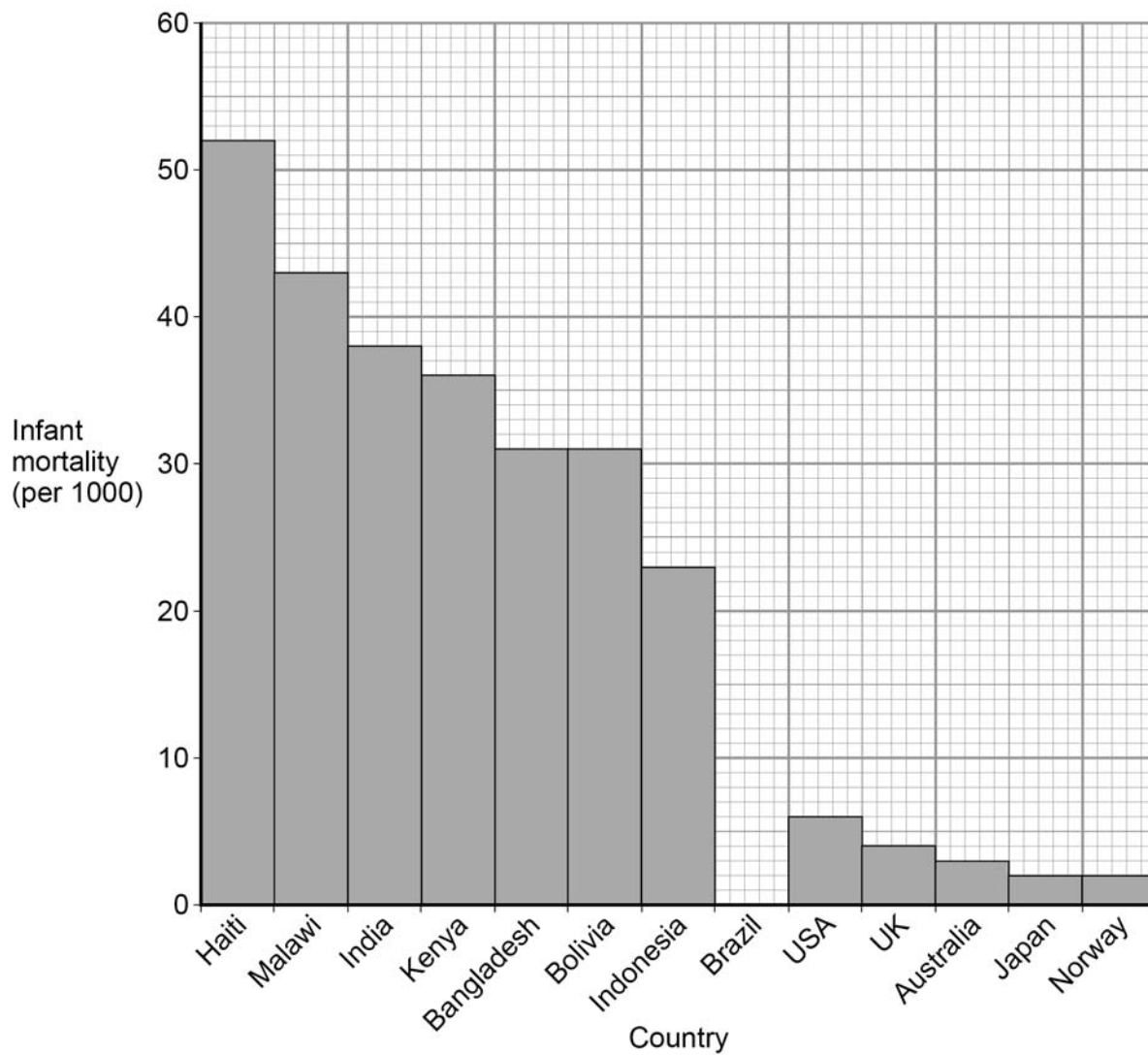
Study **Figure 1**, 'The Development Gap' in the resource booklet.

0 1

1

Complete the graph below to show the infant mortality for Brazil.

[1 mark]



Turn over for Section B

**DO NOT WRITE ON THIS PAGE
ANSWER IN THE SPACES PROVIDED**

Turn over ►

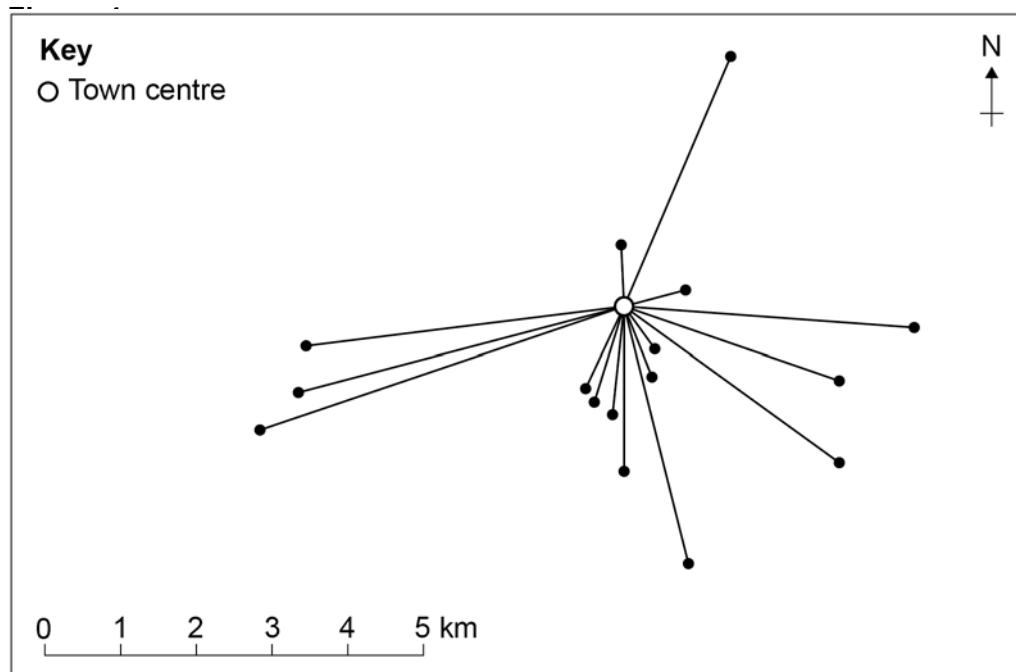
Section B Fieldwork

Answer **all** questions.

0 4

Fieldwork

Study **Figure 4**, a map showing the movement of individual people from their homes to a town centre.



0 4

1

Name the type of map used in **Figure 4**.Shade **one** circle only.

[1 mark]

A Proportional symbol B Flow line C Desire line D Choropleth

0 4

2

Plot the following information on **Figure 4**.

A person travelled 2.5 km from the south-west.

[2 marks]

0 4 . 3 Describe the pattern shown on **Figure 4**.

[2 marks]

0 4 . 4 Suggest **two** additional pieces of information that could be added to **Figure 4** to explain the pattern of movement.

[2 marks]

1

2

Turn over ►

Study **Figure 5**, a table used by students to carry out a noise pollution survey.

Figure 5

Noise Level	Description
1	Can hear a whisper
2	Can hear normal conversation
3	Can hear raised voices
4	Can only hear shouting
5	Cannot hear conversation at all

0 4 . 5 Suggest **one** advantage and **one** disadvantage of using the noise pollution table shown in **Figure 5**.

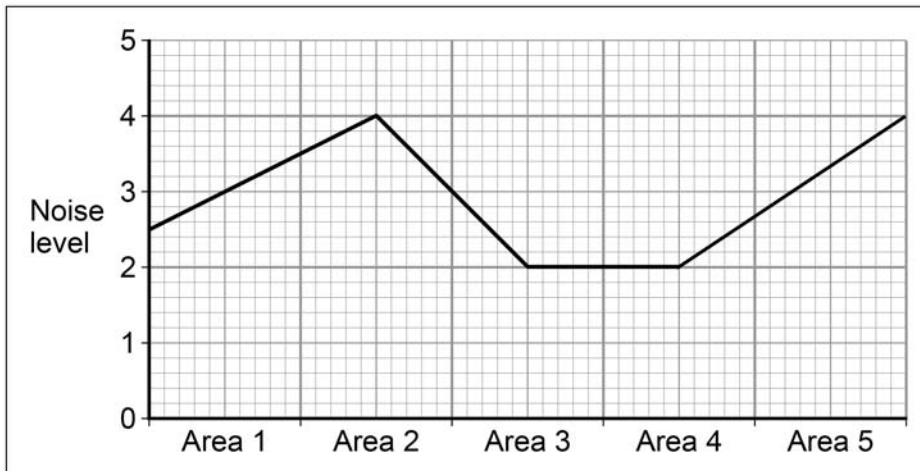
[2 marks]

Advantage: _____

Disadvantage: _____

Study **Figure 6**, a diagram showing how a student presented the noise pollution survey data.

Figure 6



0 4 . 6 Suggest a more appropriate way of presenting the noise pollution data shown in **Figure 6**.

[2 marks]

Give **one** reason for your choice.

Turn over ►

Students measured the flow of water in two different rivers over 7 days. **Figure 7** shows the results, in rank order, for the two rivers.

Figure 7

	River A (Flow in cubic metres/second)	River B (Flow in cubic metres/second)
	6.2	11.8
Upper quartile →	6.0	10.4
	5.6	8.7
	5.2	5.1
	5.0	2.1
Lower quartile →	4.5	1.4
	3.7	1.2
Median	5.2	5.1
Interquartile range	1.5	

0 4 . 7 Complete the table (**Figure 7**) by calculating the interquartile range for River B.

[1 mark]

0 4 . 8 Suggest why median and interquartile values are useful when comparing data such as that shown in **Figure 7**.

[4 marks]

0 5 . 1 Write the title of your physical geography fieldwork enquiry.

Title of fieldwork enquiry: _____

Suggest **one** reason why risk assessment was important when planning your enquiry. **[2 marks]**

0 5 . 2 Justify the use of maps **or** photographs **or** field sketches in your physical geography enquiry.

[3 marks]

Turn over ►

0 5 . 3 Write the title of your human geography fieldwork enquiry.

Title of fieldwork enquiry: _____

Assess the effectiveness of your data collection method(s).

[6 marks]

There are no questions printed on this page

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Figure 1: © World bank

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