Cambridge Assessment International Education

Cambridge IGCSE™

GEOGRAPHY **0460/42**

Paper 4 Alternative to Coursework **February/March 2023**

INSERT **1 hour 30 minutes**

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INFORMATION

- This insert contains additional resources referred to in the questions.
- You may annotate this insert and use the blank spaces for planning. **Do not write your answers** on the insert.

This document has **8** pages. Any blank pages are indicated.

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Fig. 1.1 for Question 1

Map of town showing fieldwork areas

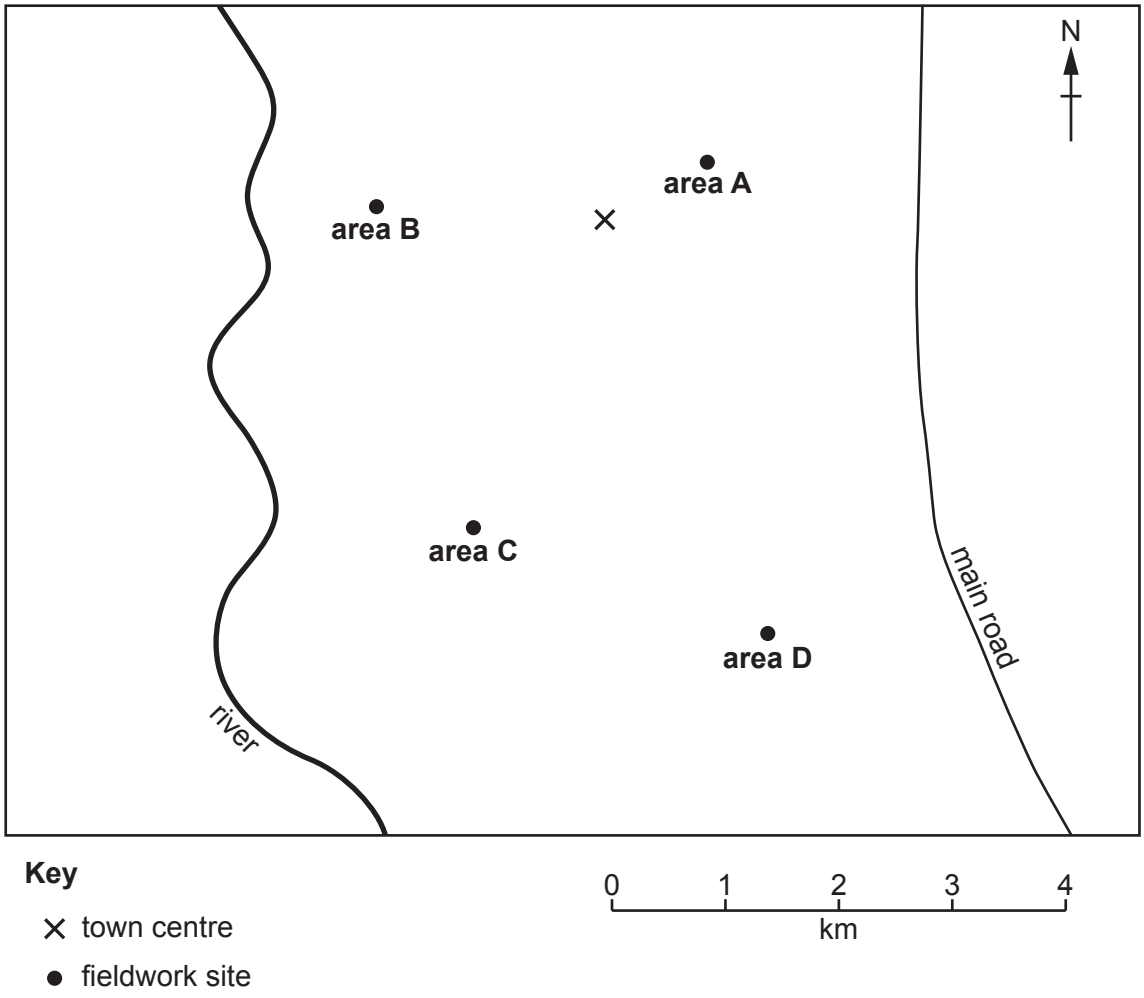


Fig. 1.2 for Question 1

Resident questionnaire

Area of the town: (circle the area where the questionnaire is used)

area A area B area C area D

This questionnaire is part of our Geography IGCSE fieldwork. Please answer the following questions.

1. How safe do you feel in the local area?

☐ very safe ☐ safe ☐ unsafe ☐ very unsafe

2. Which **one** of the following best describes the community in the local area?

☐ people care for others

☐ people are friendly

☐ people do not mix

☐ people are unfriendly

☐ people are hostile

3. Which of the following crimes have you been a victim of? (Tick all that apply)

☐ anti-social behaviour

☐ assault

☐ theft or robbery

☐ vandalism

☐ none of these

Thank you for answering the questions.

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Tables 1.1, 1.2 and 1.3 for Question 1

Answers to questionnaire

Table 1.1

1 How safe do you feel in the local area? (figures are percentages)

	area A	**area B**	**area C**	**area D**
distance from town centre (km)	1.0	2.0	3.0	4.0
very safe	67	58	14	36
safe	28	26	26	29
unsafe	5	16	30	**20**
very unsafe	0	0	30	**15**

Table 1.2

2 Which **one** of the following best describes the community in the local area? (figures are percentages)

	area A	**area B**	**area C**	**area D**
distance from town centre (km)	1.0	2.0	3.0	4.0
people care for others	14	39	17	10
people are friendly	20	32	23	31
people do not mix	21	15	**32**	29
people are unfriendly	34	14	**24**	21
people are hostile	11	0	**4**	9

Table 1.3

3 Which of the following crimes have you been a victim of? (figures are percentages)

	area A	**area B**	**area C**	**area D**
distance from town centre (km)	1.0	2.0	3.0	4.0
anti-social behaviour	16	7	27	22
assault	16	8	15	10
theft or robbery	10	31	11	24
vandalism	11	4	14	39
none of these	47	50	33	5

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Table 1.5 for Question 1

Results of one student's environmental survey

	area A	**area B**	**area C**	**area D**
distance from town centre (km)	1.0	2.0	3.0	4.0
	environmental quality scores			
building condition	4	**4**	2	2
public open space	3	**2**	2	1
traffic	3	**2**	1	1
noise	4	**3**	3	3
total	14	11	**8**	7

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Fig. 2.1 for Question 2

A digital pH meter



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Table 2.1 for Question 2

Student's results of river measurements

site	distance downstream from river source (km)	pH score	oxygen level (mg / *l*)	depth of water where disc cannot be seen (cm)
1	5	6.8	9.5	78
2	11	6.4	9.1	75
3	18	**5.7**	9.2	**54**
4	21	5.5	8.8	50
5	25	5.4	**8.4**	46

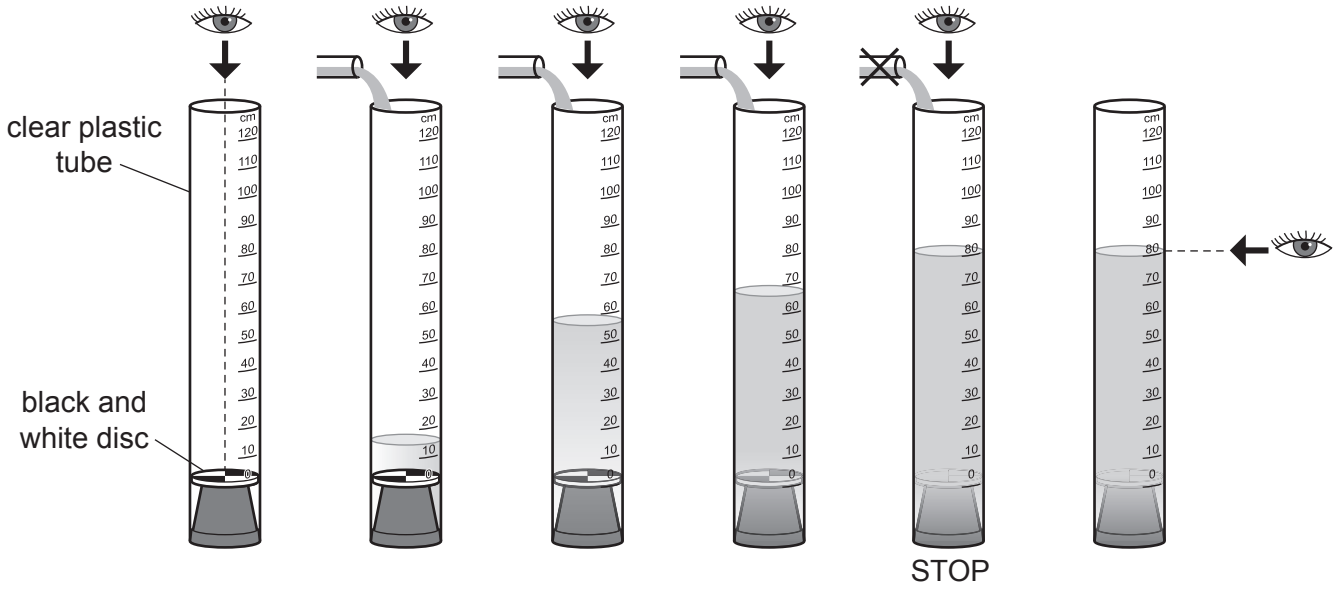
mg / *l* = milligrams of oxygen per litre of water

Fig. 2.4 for Question 2

Extract from a student's notebook

How to measure the clarity of water

1. Collect some water from the river in a container.
2. One person should pour the water into the tube, while another person looks down from the top through the water column.
3. Stop adding water when you can no longer see the black and white disc on the bottom of the tube.
4. Record the depth in cm at which you can no longer see the bottom of the tube.



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