OXFORD

INTERNATIONAL
AQA EXAMINATIONS

Please write clearly in block capitals.

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I declare this is my own work.

INTERNATIONAL A-LEVEL

GEOGRAPHY

Paper 5 Fieldwork and Geographical Skills

Wednesday 18 January 2023 07:00 GMT Time allowed: 1 hour 30 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.
- All working must be shown.
- 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).
- 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 maximum mark for this paper is 60.
- You may use a bilingual dictionary for this exam.
- You may **not** use an English dictionary.

For Examiner's Use	
Question	Mark
1	
2	
3	
4	
TOTAL	

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ANSWER IN THE SPACES PROVIDED

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Section A

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

You must answer **all** of **Section A**.

0 1 Primary and secondary data are used in geographical investigations.

Using examples, explain the difference between primary and secondary data.

[4 marks]

Extra space

4

Turn over for the next question

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0 2 A student carried out a geographical investigation researching shopping in an urban area.

The aim was to investigate if the shopping area was mainly being used by local people and if the shopping area could be changed to attract more customers.

Figure 1 is a questionnaire created by the student.

Figure 1

Can you answer these questions?

1. Name: .....

2. Age: 19 – 30 31 – 45 46 – 60 61 – 75 over 75

3. Where do you live? .....

4. Which shops are you visiting?

.....

.....

.....

5. How often do you visit them? .....

6. How did you travel to the shopping area? .....

What do you think about:

7a. Traffic congestion? .....

7b. Parking? .....

7c. Litter? .....

7d. The range of shops? .....

8. How do you think the shopping area could be improved? .....

.....

.....

.....

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0 2 . 1 Assess the strengths and weaknesses of this questionnaire.

[9 marks]

Extra space

Question 2 continues on the next page

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0 2 . 2 Suggest improvements to **two** of the questions used in **Figure 1** on page 4.

Explain why these improvements would make the questions more useful for this investigation.

[6 marks]

Suggestion 1 _____

_____

Explanation _____

_____

_____

_____

_____

_____

Suggestion 2 _____

_____

Explanation _____

_____

_____

_____

_____

_____

0 2 . 3 The student decided to ask the questionnaire to a sample of people in the urban area.

What is meant by 'a sample'?

[2 marks]

_____

_____

_____

_____

17

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0 3 A group of students plan to carry out an investigation in an urban area.

The hypothesis they are investigating is 'air temperature will decrease as distance from the city centre increases'.

0 3 . 1 Explain the risks of carrying out fieldwork in an urban area.

[4 marks]

Extra space

Question 3 continues on the next page

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0 3 . 2 The results the students collected are shown in **Table 1**.

Table 1

Distance from city centre (km)	Temperature (ºC)
0	28.4
0.5	27.5
1.0	27.6
2.0	27.0
2.5	27.5
3.0	26.5
3.5	26.4
4.0	26.4
4.5	25.5
5.0	25.0
5.5	27.5

The students were given a map of the city and a thermometer.

Describe the data collection method the students could have used to collect the data shown in **Table 1**.

[6 marks]

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Extra space

0 3 . 3 Suggest problems or limitations that could affect the reliability of the results shown in **Table 1**.

[3 marks]

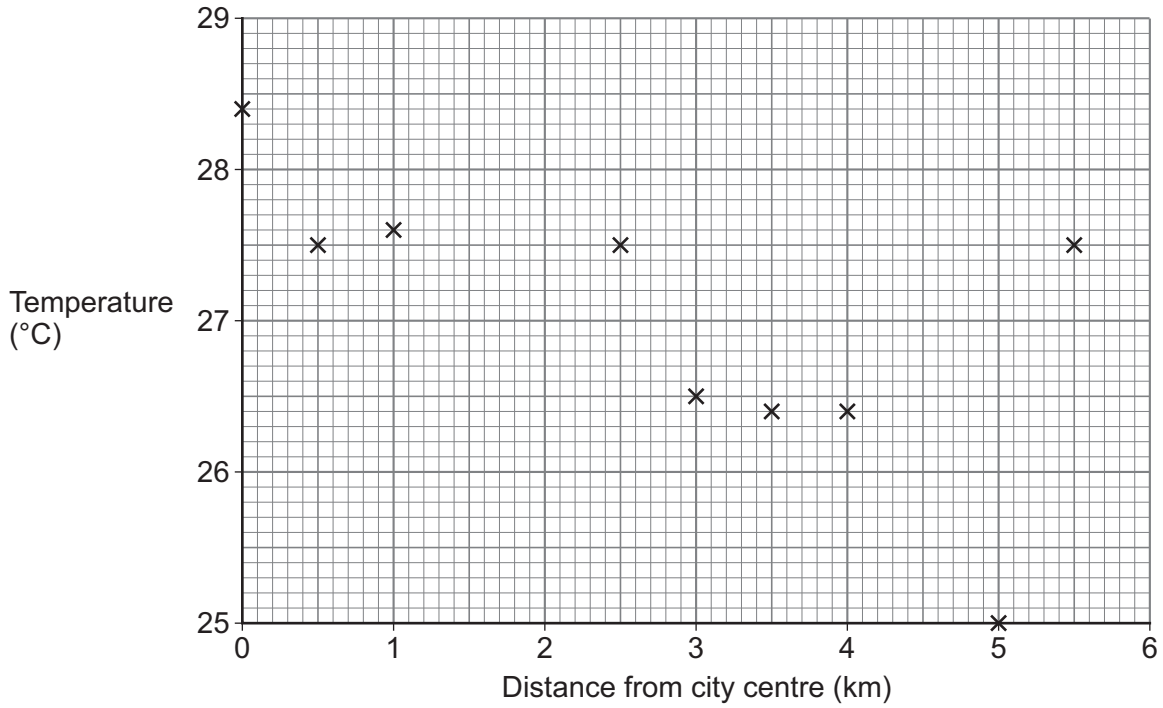
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Question 3 continues on the next page

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To help analyse the relationship between air temperature and distance from the city centre, the results were placed onto the scatter graph shown in **Figure 2**.

Figure 2



0 3 . 4 Complete the scatter graph in **Figure 2** by adding the two remaining results below.

[1 mark]

Distance from city centre (km)	Temperature (°C)
2.0	27.0
4.5	25.5

0 3 . 5 Draw a circle around the point on the scatter graph in **Figure 2** which would be considered an anomaly.

[1 mark]

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0 3 . 6 Describe and justify a **statistical technique** that could be used to analyse the relationship between air temperature and distance from the city centre shown in **Figure 2**.

[9 marks]

Extra space

24

END OF SECTION A – Turn over for Section B

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Section B

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

You must answer **all** of **Section B**.

0 4 You have experienced geography fieldwork as part of your course.

Use this experience to answer Questions **04.1** and **04.2**.

0 4 . 1 State the aim of your fieldwork investigation.

Describe the background research you carried out and how this helped you establish the aim.

[6 marks]

Extra space

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0 4 . 2 To what extent did **one** presentation technique used in your investigation help you to draw conclusions from the data you collected?

[9 marks]

Extra space

15

END OF QUESTIONS

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ANSWER IN THE SPACES PROVIDED

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