Notice of changes

For summer 2021, we reduced the length of our 8035/3 Paper 3: Geographical applications paper. This paper only featured the Issue Evaluation in Section A and questions relating to unfamiliar fieldwork in Section B. Students did not need to answer questions relating to their own fieldwork experience (Question 5 was removed from 8035/3 Paper 3: Geographical applications).

From summer 2024, the total examination time has changed. If you intend to use this with students allow them 1 hour 30 minutes.

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Please write clearly in block capitals.

Centre number | | | | | | Candidate number | | | | |

Surname _____

Forename(s) _____

Candidate signature _____

I declare this is my own work.

GCSE
GEOGRAPHY

Paper 3 Geographical Applications

Time allowed: 1 hour

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

Materials

For this paper you must have:
- the Pre-release resources booklet (enclosed)
- the OS key insert (enclosed)
- a pencil
- a rubber
- a ruler.

You may use a calculator.

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 additional 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 total number of marks available for this paper is 56.
- Spelling, punctuation, grammar and specialist terminology will be assessed in Questions **01.5** and **03**.

Do not write outside the box

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. 

Section A Issue evaluation

Answer **all** questions in this section.

Study **Figure 1** in the resources booklet, 'Managing waste in the UK'.

0 1 . 1 What percentage of waste in the UK was household waste in 2018?

Shade **one** circle only.

[1 mark]

A 8%

B 12%

C 19%

D 61%

Do not write outside the box

0 1 . 2 Describe the trend in the rate of recycling in England between 2000–2019.

[2 marks]

0 1 . 3 Suggest why the government's aim to recycle 65% of waste by 2035 may not be met.

[4 marks]

Extra space

0 1 . 4 Give **one** reason why managing waste is a global issue.

[1 mark]

Question 1 continues on the next page

Do not write outside the box

0 1 . 5 Waste should be seen as 'a resource opportunity rather than a problem'.

Do you agree? Explain your answer.

[6 marks]
[+3 SPaG marks]

Extra space

17

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Study **Figure 2** in the resources booklet, 'Proposed energy from waste incinerator for Cambridge'.

0 2 . 1 Why will dealing with waste be a challenge for the Cambridge area in the future?

[2 marks]

0 2 . 2 Using map evidence, describe the physical geography of the area surrounding the proposed incinerator development.

[2 marks]

0 2 . 3 What is the approximate direct distance from the roundabout (470621) to the proposed incinerator site?

Shade **one** circle only.

[1 mark]

A 4 km ⬭

B 5 km ⬭

C 6 km ⬭

D 7 km ⬭

Question 2 continues on the next page

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0 2 . 4 ‘Managing waste is both an economic and an environmental issue.’

Discuss this statement.

[6 marks]

Extra space

11

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Turn over for the next question

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ANSWER IN THE SPACES PROVIDED

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Study **Figure 3** in the resources booklet, 'A waste incinerator for Cambridge – a burning issue!'.

0 3 The proposal to build the waste incinerator was rejected in June 2020. Do you think that this was the correct decision?

Yes ☐ No ☐

Tick (✓) the box to show your choice.

Use evidence from the resources booklet and your own understanding to explain your answer.

[9 marks]
[+3 SPaG marks]

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Extra space

End of Section A

Turn over for Section B

12

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Section B Fieldwork

Answer **all** questions in this section.

A student wanted to investigate the impact of tourism on their local town.

Study **Figure 4**, which shows the results of the student's primary data collection.

Figure 4

Data collection carried out in the High Street

Wednesday 10th July 2019

Land use survey (number)

Supermarkets	3
Clothes shops	18
Souvenir shops	11
Cafés/restaurants	14
Hotels/bed and breakfast	4
Newsagents/general stores	10
Services (hairdressers/estate agents)	6
Financial services	3
Others	15

Environmental quality survey

	−2	−1	0	+1	+2	
Lots of litter	✓					No litter
Crowded		✓				Few people
Noisy		✓				Quiet
Lots of traffic	✓					Little traffic
Unattractive			✓			Attractive

Pedestrian count (5 minutes) in the High Street

Eastern end	31
Middle	186
Western end	93

Wednesday 23rd January 2019

Pedestrian count (5 minutes) in the High Street

Eastern end	11
Middle	27
Western end	38

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0 4 . 1 Which of the following methods would be an appropriate way of presenting the land use survey data?

Shade **one** circle only.

[1 mark]

A Line graph ⬭

B Scattergraph ⬭

C Pie chart ⬭

D Histogram ⬭

0 4 . 2 What was the total environmental quality score?

[1 mark]

_____

0 4 . 3 Using the data from **Figure 4**, state **two** conclusions that the student might draw about the impact of tourism.

[2 marks]

1 _____

_____

2 _____

_____

0 4 . 4 Suggest **two** ways that the primary data collection methods could be adapted to give more reliable data.

[2 marks]

1 _____

_____

2 _____

_____

Question 4 continues on the next page

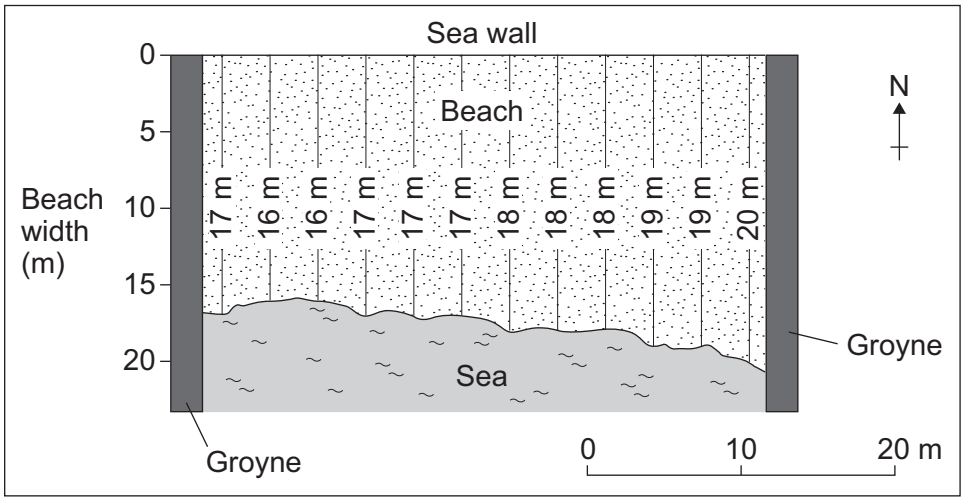
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As part of a physical geography enquiry a group of students wanted to test the hypothesis that 'a local beach gets wider from west to east'.

The students measured the width of the beach to the nearest metre at equal points between two groynes (wooden barriers).

Study **Figure 5**, a diagram showing the results of the students' beach survey.

Figure 5



0 4 . 5 Use **Figure 5** to complete the following table, which was used to analyse the students' data.

[3 marks]

Mean	17.6
Mode	
Median	
Range	

0 4 . 6 Which of the **four** measures shown in **Question 04.5** do you feel is most useful for this enquiry?

Give **one** reason for your choice.

[1 mark]

Chosen measure _____

Reason for your choice _____

_____

_____

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0 4 . 7 Suggest a conclusion that the students might draw in relation to the original hypothesis.

[2 marks]

Question 4 continues on the next page

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A group of students wanted to compare the residential quality of different areas within a town.

Each area was visited and judged in five categories using a scale of 1–10.

The results are shown in **Figure 6**.

Figure 6

1 Lowest residential quality → 10 Highest residential quality	**Area A**	**Area B**	**Area C**	**Area D**
Housing	6	4	7	9
Vandalism	4	5	8	7
Amount of green space	4	7	2	7
Litter	3	4	9	4
Safety	5	6	10	8

0 4 . 8 Which area shown in **Figure 6** has the highest residential quality?

Use the data in **Figure 6** to justify your decision.

[4 marks]

Extra space

16

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