



Surname _____

Forename(s) _____

Centre Number _____

Candidate Number _____

Candidate Signature _____

I declare this is my own work.

GCSE

GEOGRAPHY

Paper 3 Geographical applications

8035/3

Thursday 12 June 2025 Morning

Time allowed: 1 hour 30 minutes

At the top of the page, write your surname and forename(s), your centre number, your candidate number and add your signature.

[Turn over]



J U N 2 5 8 0 3 5 3 0 1

MATERIALS

For this paper you must have:

- **the Pre-release resources booklet (enclosed)**
- **a pencil**
- **a rubber**
- **a ruler.**

You may use a calculator.



INSTRUCTIONS

- Use black ink or black ball-point pen.
- Answer ALL questions.
- You must answer the questions in the spaces provided. Do NOT write 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).
- 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.
- HIC is a higher income country.
- LIC is a lower income country.
- NEE is a newly emerging economy.
- Spelling, punctuation, grammar and specialist terminology will be assessed in Questions 03 and 05.4.

DO NOT TURN OVER UNTIL TOLD TO DO SO



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

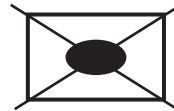
CORRECT METHOD



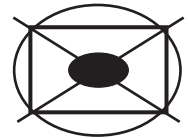
WRONG METHODS



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.



[Turn over]



SECTION A Issue evaluation

Answer ALL questions in this section.

**Study FIGURE 1 in the resources booklet,
'Energy in the UK'.**

0 1 . 1

**Describe the changes to total energy consumption
in the UK (1990–2021). [2 marks]**

0	1	.	2
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Suggest TWO reasons why energy consumption for transport might decrease in the future. [2 marks]

1 _____

2 _____

[Turn over]



0	1	.	3
---	---	---	---

In which year were energy exports from the UK highest?

Shade ONE circle only. [1 mark]

☐	A	1972
-----------------------	---	------

☐	B	1980
-----------------------	---	------

☐	C	1990
-----------------------	---	------

☐	D	1998
-----------------------	---	------

0	1	.	4
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Explain why energy security is important in helping to achieve social and economic well-being. [6 marks]

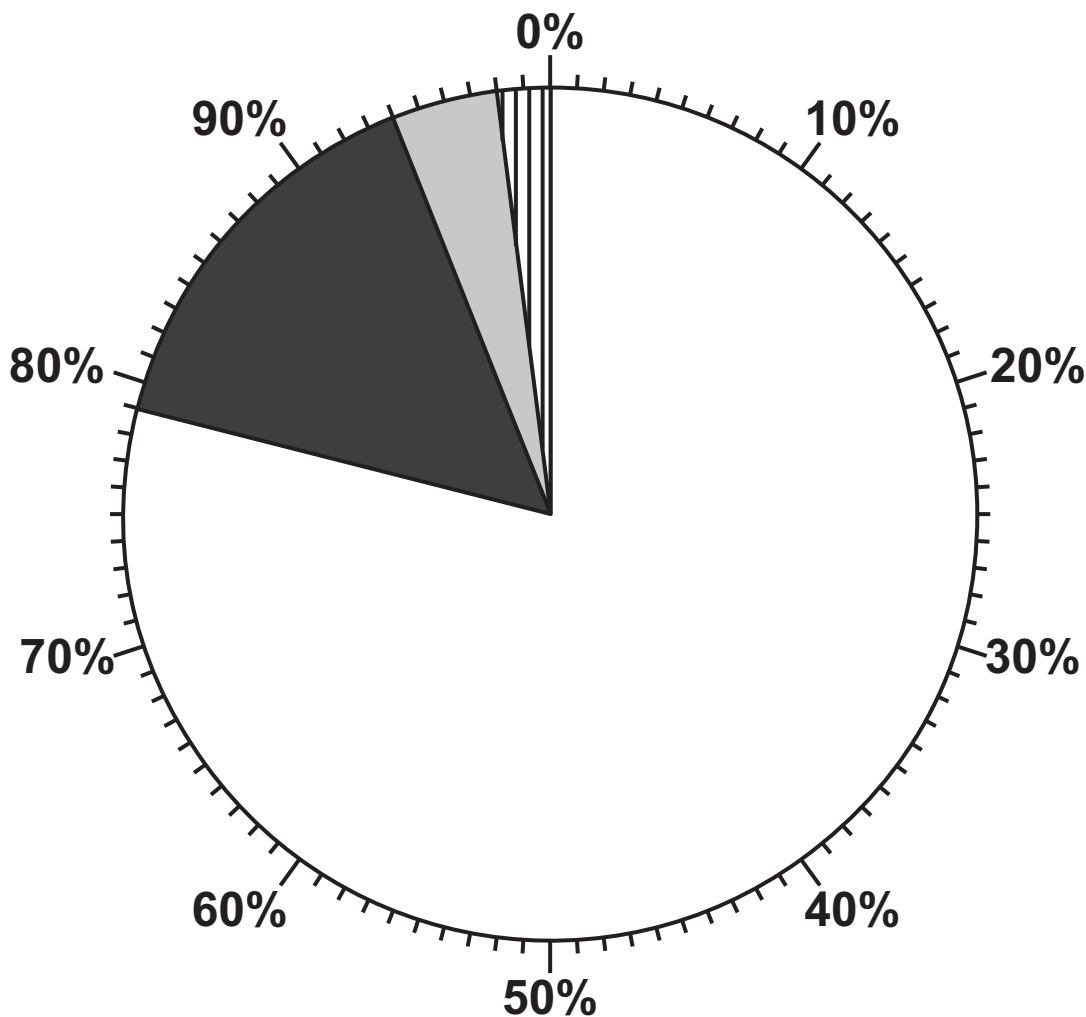




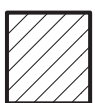
01.5

Complete the pie chart below using the following data.
[2 marks]

UK electricity energy mix, 2020 (%)	
Gas	40
Renewables	39



KEY



Gas



Nuclear



Renewables



Oil



Coal



0	1	.	6
---	---	---	---

What percentage of the UK's electricity energy mix (2020) came from fossil fuels (oil, gas and coal)? [1 mark]

_____ %

0	1	.	7
---	---	---	---

Name ONE country in Europe where the wind and solar share of electricity generation was 5–9.9% in 2021. [1 mark]

15

[Turn over]



Study FIGURE 2 in the resources booklet, 'Towards a renewable energy future in the UK'.

0 2 . 1

‘All types of renewable energy generation have an impact on the physical environment.’

Discuss this statement. [6 marks]

This image shows a blank sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

0 2 . 2

Suggest why the proposed Morecambe Bay and Duddon Estuary scheme is a multi-use project. [4 marks]

[illegible]

[Turn over]



Study FIGURE 3 in the resources booklet, ‘The Morecambe Bay and Duddon Estuary tidal gateway project’.

0	3
----------	----------

The social and economic benefits of the Morecambe Bay and Duddon Estuary tidal gateway project are greater than the environmental costs.

To what extent do you agree?

Use evidence from the resources booklet and your own understanding. [9 marks] [+3 SPaG marks]





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[Turn over for Section B]



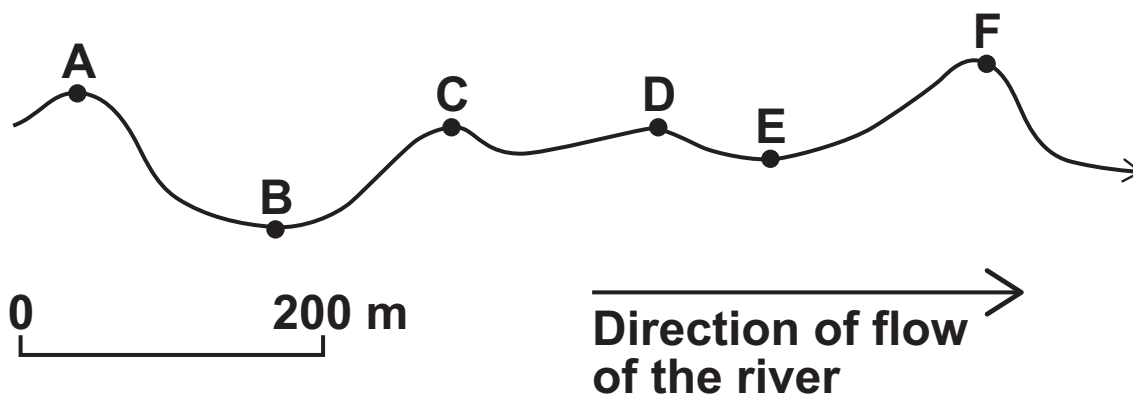
SECTION B Fieldwork

Answer ALL questions in this section.

As part of a river investigation a group of students wanted to assess the relationship between the width and maximum depth of a local river. The students collected data from six sites along the river (A–F).

FIGURE 4 shows the results from this part of the students' investigation.

FIGURE 4



SITE	Width of river (cm)	Maximum depth of river (cm)
A	180	24
B	342	42
C	210	31
D	258	34
E	320	39
F	370	46

Data collected 24 June 2024



0	4	.	1
---	---	---	---

What is the straight-line distance from SITE A to SITE F?
[1 mark]

_____ metres

0	4	.	2
---	---	---	---

The students used the following table to help them analyse their primary data.

Complete the table by adding:

- the mean width of the river
- the range of the maximum depth of the river.

[2 marks]

	Width of river (cm)	Maximum depth of river (cm)
MEAN		36
RANGE	190	

[Turn over]



0	4	.	3
---	---	---	---

The students wanted to analyse the relationship between the width and maximum depth of the river.

Which ONE of the following presentation methods would be helpful to them?

Shade ONE circle only. [1 mark]

☐

A Flow-line map

☐

B Isoline map

☐

C Pie chart

☐

D Scattergraph

0	4	.	4
---	---	---	---

What conclusions can the students make about the relationship between the width and maximum depth of the river? [2 marks]



0	4	.	5
---	---	---	---

Suggest TWO ways that the river investigation could be adapted to allow the students to collect more useful data.
[2 marks]

1 _____

2 _____

[Turn over]



A group of students investigated visitor travel to a small town within a National Park.

The students asked 20 people the following questions (FIGURE 5).

FIGURE 5

QUESTION 1

What type of transport did you use to get here?

QUESTION 2

Where did you come from to visit the town?



Study FIGURE 6, data from QUESTION 1, on the opposite page.

FIGURE 6

What type of transport did you use to get here?

TYPE OF TRANSPORT	NUMBER OF PEOPLE
Car	
Bus	
Motorcycle	
Bicycle	

0 4 . 6

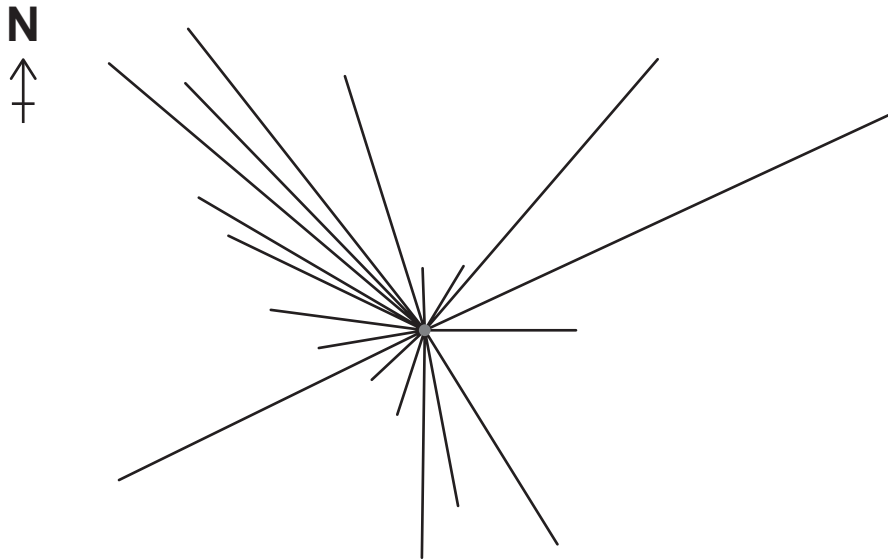
Using FIGURE 6, how many people said they travelled to the town by car? [1 mark]

[Turn over]



For QUESTION 2 the students asked the 20 people where they had come from to visit the town. They presented this information on a desire line map (FIGURE 7).

FIGURE 7



KEY

- Each line represents one person
- Town

0 5 10 15 20 km

0 4 . 7

Complete the desire line map (FIGURE 7), on the opposite page, by adding the following information from one visitor. [2 marks]

DIRECTION TRAVELLED FROM	South east
DISTANCE TRAVELLED	20 km

0 4 . 8

Suggest ONE additional question the students could use to collect information for their investigation. [1 mark]

[Turn over]



Students carried out an investigation to compare the quality of two local shopping centres (X and Y).

Study FIGURE 8, the data collected by the students.

FIGURE 8

SHOPPING CENTRE SURVEY

Five people (A–E) were interviewed in each of two shopping centres (X and Y).

Each person was asked to rate a number of factors using the following scale:

3 = Excellent

2 = Good

1 = Poor

	SHOPPING CENTRE X				
PEOPLE	A	B	C	D	E
Quality of shops	3	2	3	1	2
Variety of shops	2	2	2	1	1
Range of services	2	1	2	1	1
Seating/ landscaping	3	2	2	1	2
Car parking	1	1	1	1	1

SHOPPING CENTRE Y				
A	B	C	D	E
2	3	2	2	2
3	3	2	1	1
3	3	2	2	2
2	2	2	1	2
2	3	2	2	2



0 4 . 9

To what extent are the students able to make reliable conclusions about the quality of the two shopping centres from the data in FIGURE 8? [4 marks]

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16

[Turn over]



0	5	.	1
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Outline how using secondary data can be useful in a fieldwork enquiry. [2 marks]

0	5	.	2
---	---	---	---

For EITHER your human OR your physical geography enquiry suggest the advantage(s) of ONE sampling strategy you used for collecting primary data.

Sampling strategies include:

- random
- stratified
- systematic.

[3 marks]



TITLE OF FIELDWORK ENQUIRY

[Turn over]



Write the title of your HUMAN geography fieldwork enquiry.

TITLE OF HUMAN FIELDWORK ENQUIRY

0 5 . 3

You used ONE OR MORE data collection methods in your HUMAN geography enquiry.

Write the name of your DATA COLLECTION METHOD(S):

**Justify the use of your data collection method(s).
[6 marks]**





0	5	.	4
---	---	---	---

Evaluate the effectiveness of ONE of your fieldwork enquiries and suggest how your enquiry could be improved. [9 marks] [+3 SPaG marks]

Choose EITHER your human OR your physical geography enquiry to answer this question.

Human

☐

Physical

☐

Tick (✓) the box to show your choice.

TITLE OF FIELDWORK ENQUIRY







END OF QUESTIONS



Additional page, if required.

Write the question numbers in the left-hand margin.



Additional page, if required.

Write the question numbers in the left-hand margin.



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For Examiner's Use	
Question	Mark
1	
2	
3	
4	
5	
TOTAL	

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