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)
- 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 **01.3** and **03.2**.

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, 'The changing pattern of energy production and use in the UK'.

0 1 . 1 In which year did nuclear power and coal provide the same proportion of the UK's electrical energy mix?

Shade **one** circle only.

[1 mark]

A 2010

B 2013

C 2015

D 2016

0 1 . 2 Give **two** reasons for the growth of energy use in transport.

[2 marks]

1 _____

_____

2 _____

_____

Do not write outside the box

0 1 . 3 Suggest why energy consumption in the UK might decrease in the future.

[6 marks]
[+ 3 SPaG marks]

Extra space

Question 1 continues on the next page

Do not write outside the box

0 1 . 4 ‘The use of renewable energy will help to manage climate change.’

Discuss this statement.

[6 marks]

Extra space

18

Do not write outside the box

Study **Figure 2** in the resources booklet, 'Energy futures – the development of renewable energy sources'.

0 2 . 1 What was the increase in the UK energy capacity for renewables in gigawatts (GW) between 2010 and 2018?

Shade **one** circle only.

[1 mark]

A 26 ⬭

B 30 ⬭

C 34 ⬭

D 38 ⬭

0 2 . 2 Suggest **one** reason why offshore locations might be more suitable than onshore locations for wind turbines.

[1 mark]

_____

_____

Question 2 continues on the next page

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0 2 . 3 ‘All types of renewable energy generation can create environmental challenges.’

To what extent do you agree with this statement?

[6 marks]

Extra space

8

Do not write outside the box

Study **Figure 3** in the resources booklet, 'Views about the proposed Isle of Lewis wind farm development'.

0 3 . 1 Give **two** differences in the age distribution on the Outer Hebrides between 2016 and 2041 (predicted).

[2 marks]

1 _____

_____

2 _____

_____

Question 3 continues on the next page

Do not write outside the box

0 3 . 2 ‘Large scale wind energy projects are a suitable option for the Isle of Lewis.’

Do you agree with this statement?

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]

Extra space

Do not write outside the box

14

End of Section A

Turn over for Section B

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Section B Fieldwork

Answer **all** questions in this section.

A group of students wanted to investigate if the quality of footpaths varied in a National Park. Students asked 50 people their opinions on the quality of three footpaths (**A**, **B** and **C**).

Study **Figure 4**, a table showing the results of their survey.

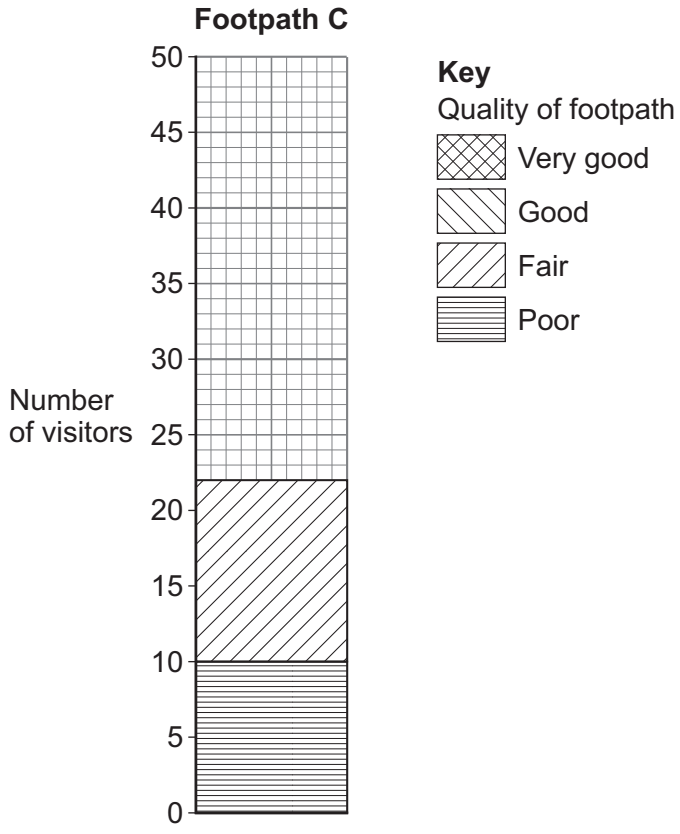
Figure 4

Quality of footpath	Footpath A	Footpath B	Footpath C
Very good	𝍸 𝍸 𝍸 𝍸 |	𝍸 𝍸	𝍸 𝍸
Good	𝍸 𝍸 𝍸 ||	𝍸 𝍸 |||	𝍸 𝍸 𝍸 |||
Fair	𝍸 |||	𝍸 𝍸 ||	𝍸 𝍸 ||
Poor	||||	𝍸 𝍸 𝍸	𝍸 𝍸

0 4 . 1 Complete the graph below (**Figure 5**) to show the quality of footpath data for Footpath **C**.

[1 mark]

Figure 5



Do not write outside the box

0 4 . 2 What **percentage** of visitors thought the quality of Footpath **C** was very good?

[1 mark]

_____ %

0 4 . 3 Outline the conclusions that the students could make from the data (**Figure 4**).

[2 marks]

_____

_____

_____

_____

0 4 . 4 Suggest another appropriate method the students could use to present the footpath quality data.

[1 mark]

_____

Question 4 continues on the next page

Do not write outside the box

A student wanted to investigate how far people travelled to an out-of-town shopping centre and how long they stayed there. The student visited the shopping centre and used a questionnaire to collect data from 20 people.

Figure 6 shows the questionnaire used by the student.

Figure 6

Visitor questionnaire	
1	How old are you?
2	Where do you live?
3	When did you last visit?
4	What method of transport did you use?

0 4 . 5 Suggest **two** ways the questionnaire shown in **Figure 6** could be improved to make it more useful.

[2 marks]

1 _____

_____

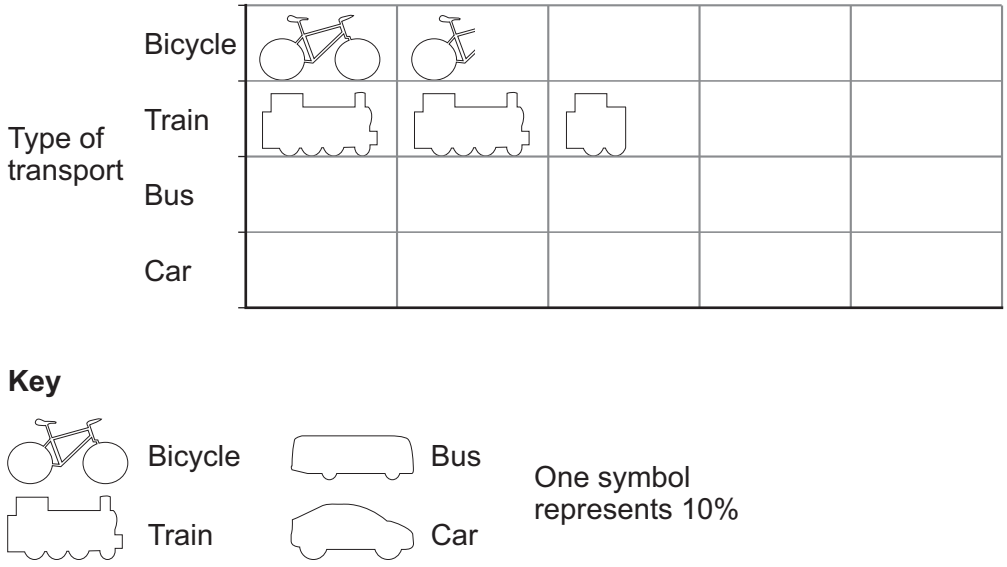
2 _____

_____

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Figure 7 is a pictogram showing the results for Question 4 in the questionnaire (**Figure 6**).

Figure 7



0 4 . 6 Complete **Figure 7** by adding the following information.

[1 mark]

Type of transport	Percentage of shoppers
Bus	20%
Car	40%

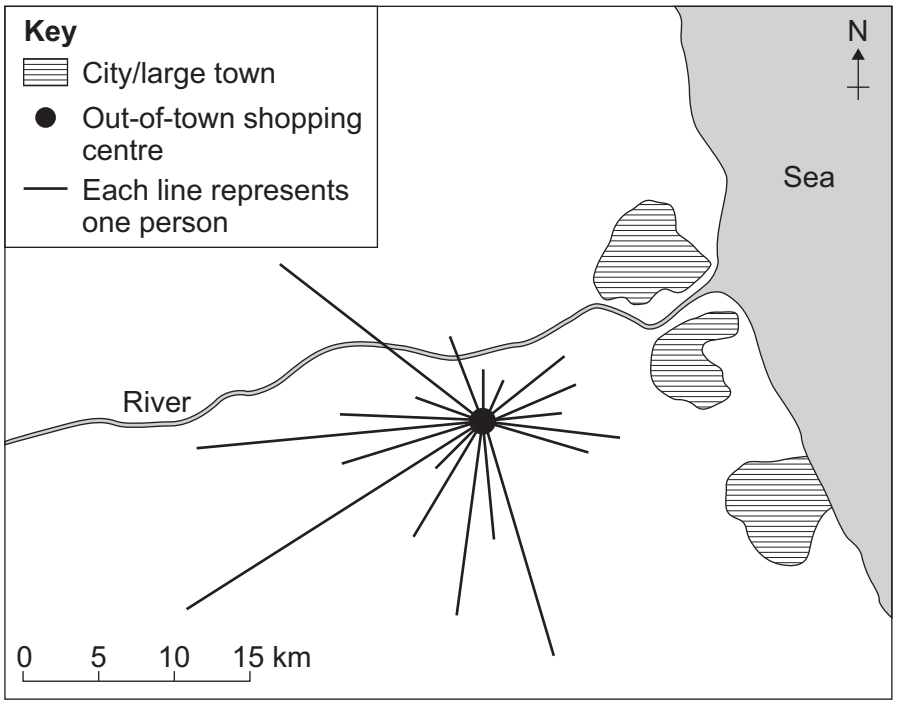
Question 4 continues on the next page

Turn over ▶

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The student used the data they collected to draw a desire line map (**Figure 8**) to show where people came from when visiting the out-of-town shopping centre.

Figure 8



0 4 . 7 Complete the desire line map (**Figure 8**) by adding the following information about a shopper.

[1 mark]

Direction travelled from	South east
Distance travelled	15 km

0 4 . 8 Suggest reasons for the pattern shown on **Figure 8**.

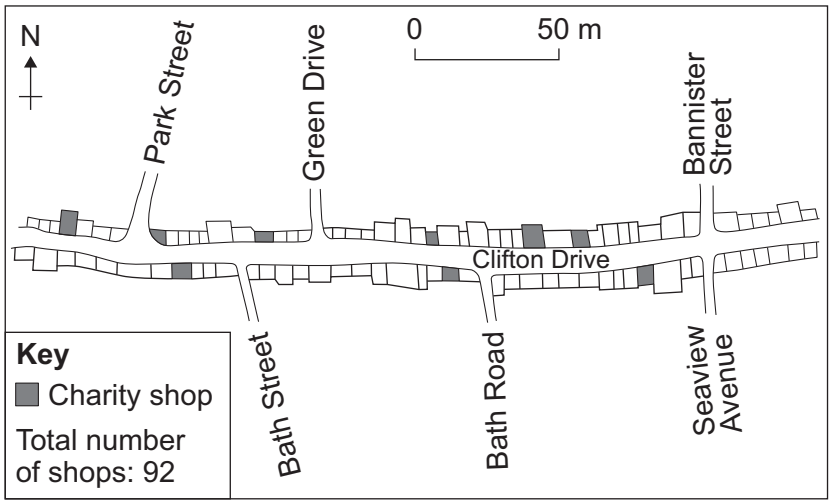
[2 marks]

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A group of students wanted to carry out an investigation into the decline of the high street. They counted the number of charity shops in three town centres (**A**, **B** and **C**).

Figure 9 shows the results of the survey in Town centre **A**.

Figure 9



0 4 . 9 Complete the table below (**Figure 10**) for town centre **A**.

[1 mark]

Figure 10

Town centre	**A**	**B**	**C**
Number of charity shops		19	18
Total number of shops	92	114	142

0 4 . 1 0 Using **Figure 10**, compare the proportion of charity shops between the three town centres.

[4 marks]

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16

END OF QUESTIONS

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