



Oxford Cambridge and RSA

Tuesday 14 June 2022 – Morning

**GCSE (9–1) Geography B
(Geography for Enquiring Minds)**

J384/03 Geographical Exploration

Time allowed: 1 hour 30 minutes



You must have:

- the Resource Booklet (inside this document)

You can use:

- a ruler (cm/mm)
- a scientific or graphical calculator



Please write clearly in black ink. **Do not write in the barcodes.**

Centre number

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Candidate number

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First name(s)

Last name

INSTRUCTIONS

- Use black ink. You can use an HB pencil, but only for graphs and diagrams.
- Write your answer to each question in the space provided. If you need extra space use the lined pages at the end of this booklet. The question numbers must be clearly shown.
- Answer **all** the questions.

INFORMATION

- The total mark for this paper is **60**.
- The marks for each question are shown in brackets [].
- Quality of extended response will be assessed in questions marked with an asterisk (*).
- Spelling, punctuation and grammar (SPaG) and the use of specialist terminology will be assessed in questions marked with a pencil (✎).
- This document has **12** pages.

ADVICE

- Read each question carefully before you start your answer.

2

Answer **all** the questions.

1 (a) Study **Fig. 1** in the separate Resource Booklet, which shows a map of England.

(i) Describe the location of Milton Keynes.

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..... [2]

(ii) What is the distance from Milton Keynes to London?

..... km [1]

(b) Study **Fig. 2** in the separate Resource Booklet, which shows population pyramids for Milton Keynes and England, 2020.

(i) Give the percentage of the total population of Milton Keynes aged over 90 years.

..... % [1]

(ii) Calculate the difference between the percentage total population aged 30–39 in Milton Keynes and in England.

..... % [3]

(c) Using Fig. 2, discuss how the population pyramids show that the population structure of Milton Keynes is both similar and different to the population structure of England.

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2 (a) Study **Fig. 3** in the separate Resource Booklet, showing different views about Milton Keynes.

Give **two** reasons why people like living in Milton Keynes.

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[2]

(b) Study **Fig. 4** in the separate Resource Booklet, which shows an annotated map of Milton Keynes, 1960.

(i) Describe the pattern of built-up areas in Milton Keynes in 1960.

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..... **[4]**

(ii) Study **Fig. 5** in the separate Resource Booklet, which shows an annotated map of Milton Keynes, 2020.

Figs. 4 and 5 show that urbanisation has taken place in Milton Keynes between 1960 and 2020.

Explain what is meant by the term 'urbanisation'.

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..... **[3]**

3 (a) Explain **one** way people have influenced global climate through the human enhanced greenhouse effect.

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..... [2]

(b) Study **Fig. 6** in the separate Resource Booklet, which shows Green Energy Plans made in Milton Keynes.

(i) Give **one** plan to improve green energy mentioned in the article.

..... [1]

(ii) Calculate the total cost of the improvements to Milton Keynes. Show your working.

..... [2]

(c) Using **Fig. 6** and your own understanding, assess how the green energy plans for Milton Keynes can help to reduce the human enhanced greenhouse effect.

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ADDITIONAL ANSWER SPACE

If additional space is required, you should use the following lined page(s). The question number(s) must be clearly shown in the margin(s).

A large area of lined paper for writing answers. It features a vertical margin line on the left side and horizontal dotted lines for writing. The lines are evenly spaced and extend across the width of the page.

A grid of 20 columns and 30 rows of dotted lines for writing. The grid is formed by a solid vertical line on the left and horizontal dotted lines. The first column is narrow, while the remaining 19 columns are wider and of equal width.

A series of horizontal dotted lines for writing, spanning the width of the page. A solid vertical line is positioned on the left side, creating a margin.

A large rectangular area with a solid vertical line on the left side and horizontal dotted lines extending across the page, providing a space for writing answers.



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