

Friday 16 June 2023 – Afternoon**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 (P).
- This document has **12** pages.

ADVICE

- Read each question carefully before you start your answer.

1 (a) Look at **Fig. 1** in the Resource Booklet, which shows a map of Mexico.

Describe the location of Mexico City.

.....
.....
.....
.....

[2]

(b) Look at **Fig. 2** in the Resource Booklet, which shows development statistics for Mexico and the UK, 2020.

(i) Calculate the **difference** in total population between Mexico and the UK.

..... millions [1]

(ii) What is the **ratio** of internet users to non internet users in Mexico?

..... [1]

(iii) Using **Fig. 2**, identify and explain **two** ways in which Mexico's development statistics are typical of an EDC.

1

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2

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[4]

(c) Look at **Fig. 3** in the Resource Booklet, which shows a climate graph for Mexico City.

Using data from **Fig. 3**, describe the annual pattern of precipitation.

[4]

(d) Look at **Fig. 4** in the Resource Booklet, which shows a water resource fact file for Mexico City.

Using **Figs. 3 and 4**, analyse the issues people in Mexico City may face with water supply.

[6]

2 (a) Look at **Fig. 5** in the Resource Booklet, which shows a newspaper article about life in Mexico City.

(i) What percentage of Mexico's population earn 21% of the nation's total income?

..... [1]

(ii) What risks do the Mexico City Authorities suggest may increase due to climate change?

..... [1]

(iii) Using the photographs in **Fig. 5**, identify **one** difference in the environments of Polanco and Neza-Chalco-Itza.

..... [1]

(b) An **informal settlement** is where housing is constructed on land that the occupants do not own or have the permission to build on.

Explain why **informal settlements** are often found in LIDC and EDC cities.

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[3]

(c)* Using **Figs. 2, 3, 4 and 5**, evaluate the contemporary challenges caused by **inequality** within Mexico City.

. [12]

3 Look at **Fig. 6** in the Resource Booklet, which shows information about Mexico City's risk index, 2015–2025.

(a) (i) Using **Fig. 6**, calculate the total amount of GDP at risk due to tectonic hazards.

..... US billion dollars (\$) [1]

(ii) Explain how tectonic hazards can be a **risk** to people.

.....

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.....

.....

[2]

Look at **Fig. 7** in the Resource Booklet, which shows information about Mexico City's tectonic events.

(b) Using Figs. 6 and 7, discuss the **consequences** of tectonic hazards for people in Mexico City.

[6]

. [6]

4* Using the information in the Resource Booklet and your own understanding:

1. Evaluate whether the contemporary challenges faced by residents in Mexico City are due to **physical** factors.
2. Suggest **one** initiative that could support Mexico City to develop long term sustainability.

[12]

Spelling, punctuation and grammar and the use of specialist terminology (✍) [3]

END OF QUESTION PAPER

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).





This image shows a blank sheet of handwriting practice paper. It features a vertical red line on the left side, likely representing a margin. To the right of this margin, there are 22 horizontal grey lines spaced evenly down the page, intended for practicing letter formation and alignment.



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