

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 | | | | | | | | | |
|---|---------|---------------|--------------------|---------------------------------|---------------------------------------|--|--|--|---|
| Flease write clearly in black link. Do not write in the barcodes. | | | | | | | | | |
| | | | | | Candidate number | | | | |
| | | | | | | | 1 | | ı |
| | | | | | | | | | |
| | arly in | arly in black | arly in black ink. | arly in black ink. Do no | arly in black ink. Do not writ | arly in black ink. Do not write in the barcodes. Candidate number | arly in black ink. Do not write in the barcodes. Candidate number | | |

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.

© OCR 2023 [601/8224/6] DC (ST) 301150/4

OCR is an exempt Charity

Turn over

| (a) | Look at Fig. 1 in the Resource Booklet, which shows a map of Mexico. | | | | |
|-----|--|--|--|--|--|
| | Des | scribe the location of Mexico City. | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | [2] | | | |
| (b) | | k at Fig. 2 in the Resource Booklet, which shows development statistics for Mexico and 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 | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | 2 | | | |
| | | | | | |
| | | | | | |
| | | [4] | | | |

1

| 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 suppl |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |

© OCR 2023 Turn over

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

| | Mex | xico City. | | |
|--|--|--|--|--|
| (i) What percentage of Mexico | | 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) | (b) An informal settlement is where housing is constructed on land that the occupants do own or have the permission to build on. | | | |
| Explain why informal settlements are often found in LIDC and EDC cities. | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | [3] | | |

2

| V | vithin Mexico City. |
|---|---------------------|
| | |
| | |
| | |
| - | |
| | |
| | |
| - | |
| - | |
| - | |
| | |
| - | |
| - | |
| | |
| - | |
| - | |
| | |
| | |
| | |
| - | |
| - | |
| - | |
| | |
| | |

© OCR 2023 Turn over

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

| (i) Using Fig. 6, calculate the total amount of GDP at risk due to tectonic hazards. |) (i) | (a |
|--|-------|----|
| | | |
| | | |
| | | |
| | | |
| US billion dollars (\$) [1] | | |
| (ii) Explain how tectonic hazards can be a risk to people. | (ii) | |
| | | |
| | | |
| | | |
| [2] | | |

3

2015-2025.

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. |
|-----|---|
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | 16 |

© OCR 2023 Turn over

| Us | sing 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

© OCR 2023

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). | | | | | |
|---|--|--|--|--|--|
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

© OCR 2023

| |
|------|
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |

| |
|------|
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |

| · · · · · · · · · · · · · · · · · · · | |
|---|------|
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |



Copyright Information

OCR is committed to seeking permission to reproduce all third-party content that it uses in its assessment materials. OCR has attempted to identify and contact all copyright holders whose work is used in this paper. To avoid the issue of disclosure of answer-related information to candidates, all copyright acknowledgements are reproduced in the OCR Copyright Acknowledgements Booklet. This is produced for each series of examinations and is freely available to download from our public website (www.ocr.org.uk) after the live examination series.

If OCR has unwittingly failed to correctly acknowledge or clear any third-party content in this assessment material, OCR will be happy to correct its mistake at the earliest possible opportunity.

For queries or further information please contact The OCR Copyright Team, The Triangle Building, Shaftesbury Road, Cambridge CB2 8EA.

OCR is part of Cambridge University Press & Assessment, which is itself a department of the University of Cambridge.

© OCR 2023