Oxford Cambridge and RSA

Tuesday 7 June 2022 – Afternoon

GCSE (9–1) Geography A (Geographical Themes)

J383/02 The World Around Us

Time allowed: 45 minutes

You must have:
- the Resource Booklet (inside this document)

You can use:
- a scientific or graphical calculator
- a ruler (cm/mm)

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

Centre number | | | | | | Candidate number | | | | |

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 in Section A.
- Choose **one** option in Section B and answer **all** the questions for that option.

INFORMATION
- The total mark for this paper is **42**.
- 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.

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Section A

Answer **all** the questions.

People of the Planet

1 **(a)** Study **Fig. 1** in the separate Resource Booklet, which shows the top fifteen trading countries for the United States of America (USA).

(i) Identify **one** other appropriate way to display the imports data.

..... **[1]**

(ii) Which of the following statements is the correct definition of exports?

A Goods bought from other countries

B Goods bought and sold between countries

C Goods produced by countries

D Goods sold to other countries

Write the correct letter in the box. ☐ **[1]**

(iii) Describe the pattern of **exports** from the USA shown in **Fig. 1**.

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(b) Explain how international trade can influence economic development.

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

(c) Study the data table below, which shows the urban population in billions for ACs and EDCs and LIDCs between 2000 and 2050.

Year	**2000**	**2010**	**2020**	**2030**	**2040**	**2050**
ACs	1.0	1.1	1.1	1.2	1.3	1.3
EDCs and LIDCs	2.1		3.5	4.2	4.9	5.4

(i) The urban population for EDCs and LIDCs in 2010 was 2 750 000 000.
Convert this number into billions to one decimal place and write this number in the data table above.

[1]

(ii) What is the correct percentage increase for EDCs and LIDCs from 2000 to 2050?

A 57%

B 107%

C 157%

D 207%

Write the correct letter in the box. ☐ **[1]**

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(iii) What is meant by urban population?

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(iv) Suggest why EDCs and LIDCs have higher urban growth rates than ACs.

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

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(d) CASE STUDY – Ways of life in a city

Name of EDC or LIDC city: .....

Culture, ethnicity, housing, leisure and consumption influence ways of life in a city.

Discuss the most important influences on ways of life for an **EDC or LIDC city** you have studied.

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Section B

Choose **one** option and answer **all** the questions for that option.

Option A – Ecosystems of the Planet

2 **(a)** Study **Fig. 2** in the separate Resource Booklet, which shows plants in different ecosystems.

Which photograph in **Fig. 2** shows plants in a temperate forest ecosystem?

Write the correct letter **A**, **B**, **C** or **D** in the box. ☐ **[1]**

(b) Explain **one** threat to the biodiversity of coral reefs.

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(c) Explain **one** way in which climate and plants are interdependent in a tropical rainforest.

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(d)* CASE STUDY – a tropical rainforest

Tropical rainforest studied: .....

For **one** named tropical rainforest, examine the value of the tropical rainforest to humans and the planet.

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Spelling, punctuation and grammar and the use of specialist terminology **[3]**

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Option B – Environmental threats to our Planet

3 **(a)** Study **Fig. 3** in the separate Resource Booklet, which shows changes in greenhouse gas levels from 1985 to 2020.

(i) Suggest how changes to greenhouse gas levels shown in **Fig. 3** may have affected the global climate from 1985 to 2020.

..... **[1]**

(ii) Explain how **one** human activity is responsible for increased levels of greenhouse gases.

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(b) Explain how ice cores show evidence of climate change over longer periods of time.

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(c)* CASE STUDY – Drought caused by El Niño/La Niña

Drought event studied: .....

Evaluate the success of methods used to adapt to the effects of drought on people and the environment.

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Spelling, punctuation and grammar and the use of specialist terminology **[3]**

END OF QUESTION PAPER

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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).

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