Oxford Cambridge and RSA

Friday 6 June 2025 – Afternoon

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

J383/02 The World Around Us

Time allowed: 1 hour

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 | | | | | | 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.

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.

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Ecosystems of the Planet

1

(a) Look at **Fig. 1** in the Resource Booklet.

(i) Name the hot desert which covers the largest area on **Fig. 1**.

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

(ii) Describe the distribution of hot deserts shown on **Fig. 1**.

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

(iii) State **two** climate features associated with hot desert ecosystems.

1 .....

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2 .....

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[2]

(iv) Describe how animals **adapt** to live in a hot desert ecosystem.

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..... **[2]**

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Look at **Fig. 2** in the Resource Booklet.

(b) Explain how the **nutrient cycle** operates in a coral reef ecosystem.

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

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CASE STUDY

Threats to tropical rainforest biodiversity

Tropical rainforest studied: .....

(c)* Explain how threats to **biodiversity** affect interdependence in a tropical rainforest.

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..... **[8]**

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People of the Planet

2

(a) Look at **Fig. 3** in the Resource Booklet.

(i) Which continent, did **not** have an increase in urban population from 1990 to 2014?

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

(ii) What is the correct ratio for the increase in urban population, shown on **Fig. 3**, for Asia from 1990 to 2050?

A 1:1

B 1:2

C 1:3

D 1:4

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

(iii) Explain **two** negative consequences of rapid urbanisation in LIDCs.

1 .....

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2 .....

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[4]

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CASE STUDY

One aid project in an LIDC or EDC

LIDC or EDC studied: .....

An aid project can promote and hinder economic development in an LIDC or EDC.

(b)* Evaluate the **success** of an aid project in your chosen LIDC or EDC. **[12]**

Spelling, punctuation and grammar **[3]**

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Environmental threats to our Planet

3

(a) Look at **Fig. 4** in the Resource Booklet.

(i) Identify **two** important messages shown in **Fig. 4**.

1 .....

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2 .....

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[2]

(ii) Explain **one** consequence of climate change currently being experienced.

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..... **[2]**

(iii) Evaluate the **reliability** of paintings and diaries as evidence for climate change.

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

(iv) Which **one** of the following is a natural cause of climate change?

A burning fossil fuels

B cattle farming

C changes in the Earth's orbit

D deforestation

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

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(b) Look at **Fig. 5** in the Resource Booklet.

(i) Which statement correctly describes the movement of air in a Hadley Cell?

A cold air descends at 0° and rises at 30°

B cold air descends at 30° and rises at 60°

C warm air descends at 0° and rises at 30°

D warm air rises at 0° and descends at 30°

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

(ii) Use **Fig. 5** to explain how the global circulation of the atmosphere leads to different extreme weather conditions at the equator and the poles.

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

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CASE STUDY

Causes of drought

Drought event studied: .....

(c) Explain the **causes** of the drought event.

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..... **[6]**

END OF QUESTION PAPER

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EXTRA ANSWER SPACE

If you need extra space use these lined pages. You must write the question numbers clearly in the margin.

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