



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.

Section A

Answer all the questions.

People of the Planet

l (a)			idy Fig. 1 in the separate Resource Booklet, which shows the top fifteen trading countries 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 .						
			[3]						

(b)	Exp	lain	how international trade	e can in	fluence	econoi	mic dev	elopme	nt.		
											LA.
	••••										[4]
(c)			e data table below, wl Cs between 2000 and		ows the	urban	popula	tion in i	oillions 1	for ACs	and EDGs
			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)	Cor	eurban population for l nvert this number into e above.								n the data
	(ii)	Wh	at is the correct percer	ntage in	crease	for ED	Cs and	LIDCs	from 20	00 to 20	[1] 50?
		Α	57%								
		В	107%								
		С	157%								
		D	207%								
		Wri	te the correct letter in t	he box.							[1]

(iii)	What is meant by urban population?	
		[1]
(iv)	Suggest why EDCs and LIDCs have higher urban growth rates than ACs.	
		[3]

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.
61

© OCR 2022 Turn over

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.	
			••
			3]
	(c)	Explain one way in which climate and plants are interdependent in a tropical rainforest.	

.....[2]

iropical rainforest studied:
For one named tropical rainforest, examine the value of the tropical rainforest to humans and the planet.
[12]
Spelling, punctuation and grammar and the use of specialist terminology [3]

© OCR 2022 Turn over

Option B – Environmental threats to our Planet

(a)		dy Fig. 3 in the separate Resource Booklet, which shows changes in greenhouse gas els 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.
		[3]
(b)	Ехр	lain how ice cores show evidence of climate change over longer periods of time.
		[2]

9
(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.

		[12]

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

10 ADDITIONAL ANSWER SPACE

f additiona must be cle	al space is required, you should use the following learly shown in the margin(s).	g lined page(s). The question number(s

	,
• • • • • • • • • • • • • • • • • • • •	
	· · · · · · · · · · · · · · · · · · ·

 .1	



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.

 ${\tt OCR}\ is\ part\ of\ Cambridge\ University\ Press\ \&\ Assessment,\ which\ is\ itself\ a\ department\ of\ the\ University\ of\ Cambridge.$