

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)



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Please write cle	arly in blac	k ink. C	o no	t writ	e 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)		ly Fig. 1 in the separate Resource Booklet, which shows the top fifteen trading coun ne United States of America (USA).	tries
		(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 l	now international trade	can in	fluence	econoi	mic dev	elopme	nt.		
					•••••		••••••				
											[4]
(c)			e data table below, wl Cs between 2000 and		ows the	urban	popula	tion in I	oillions	for ACs	and EDCs
			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	urban population for lawer this number into lawer above.								n the data
											[1]
	(ii)	Wha	at is the correct percer	ntage in	crease	for ED	Cs and	LIDCs	from 20	00 to 20	50?
		Α	57%								
		В	107%								
		С	157%								
		D	207%								
		Writ	e the correct letter in t	he box.							[1]

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

(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.
Te:

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Section B

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

Option A – Ecosystems of the Planet

(a)	Study Fig. 2 in the separate Resource Booklet, which shows plants in different ecosystem	S.
	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.	
(c)		
		٠
	(b)	Which photograph in Fig. 2 shows plants in a temperate forest ecosystem? Write the correct letter A, B, C or D in the box. (b) Explain one threat to the biodiversity of coral reefs.

.....[2]

(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.
[12]
Spelling, punctuation and grammar and the use of specialist terminology [3]

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(a) Study Fig. 3 in the separate Resource Booklet, which shows changes in greenhouse gas

Option B – Environmental threats to our Planet

3

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
[3
(b) Explain how ice cores show evidence of climate change over longer periods of time.
[2

(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]

END OF QUESTION PAPER

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ADDITIONAL ANSWER SPACE

If additiona must be cle	I space is required, you should use the following lined page(s). The question number(s) arly shown in the margin(s).

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