

Wednesday 5 June 2024 – Morning

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



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Centre number						Candidate number		
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INSTRUCTIONS

- Use black ink.
- 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.



Ecosystems of the Planet

1 (a)	Look at Fig. 1 in the Resource Booklet.	
(i)	Describe how the grasshopper is connected to other animals in the ecosystem.	
		[2]
(ii)	Identify one abiotic component shown in the ecosystem.	
		[1]
(b)	Look at Fig. 2 in the Resource Booklet.	
(i)	Which month has the highest rainfall?	
(ii)	Calculate the temperature range .	[1]
(,		[1]
(c)	State two features of the climate for a polar ecosystem .	
	1	
	2	
		[2]

(u) 1	Explain how plants and animals are interdependent in a coral reef.
	[4
(e)* (CASE STUDY
	Sustainable use and management in a tropical rainforest.
	Tropical rainforest you have studied:
	Evaluate the success of sustainable use and management in a tropical rainforest.
	3

People of the Planet

2

(a) Look at Table 1.

Table 1. Development indicators for four African countries

Country	GNI per capita (\$)	Life Expectancy (years)	Literacy Rate (%)	
Angola	6600	62	75	
Equatorial Guinea	17 000	67	95	
Mozambique	1200	57	61	
Zambia	3300	65	86	

(i)	Cal	culate the mean GNI per capita.	. [1]
(ii)		ich type of graph would best show the relationship between GNI per capita and Life bectancy?	
	Α	bar graph	
	В	line graph	
	С	population pyramid	
	D	scatter graph	
	Wri	te the correct letter in the box.	[1]
(iii)	GN	I per capita is an economic development indicator.	
	Sta	te one other development indicator not shown in Table 1 above.	. [1]
(iv)		blain why Equatorial Guinea is classified as an Emerging and Developing Country (EDC) tead of a Low-Income Developing Country (LIDC).	
	Use	e data from Table 1 in your answer.	
			. [3]

(b)* CASE STUDY

The influence of migration on an LIDC or EDC city
LIDC or EDC city you have studied.
International migration is a greater influence than national migration on the growth and character of an LIDC or EDC city.
To what extent do you agree with this statement?
[12]

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

Turn over

Environmental threats to our Planet

3 (a) (i)	Whi	ich statement is a correct definition of a drought?	
	Α	a period of time with higher than normal rainfall	
	В	a period of time with higher than normal temperatures	
	С	a period of time with lower than normal rainfall	
	D	a period of time with lower than normal temperatures	
		Write the correct letter in the box.	[1]
(ii)	Loo	k at Fig. 3 in the Resource Booklet.	
	Des	scribe how Fig. 3 shows evidence of a drought.	
			[2]
(iii)	Ехр	lain the causes of drought.	
			[3]

(b)	Look at Fig. 4 in the Resource Booklet.	
(i)	Describe briefly the change in the area of permanent sea ice from 1980 to 2020.	
		. [1]
(ii)	Suggest how the enhanced greenhouse effect could have caused the change in the area of permanent sea ice.	
		. [3]
(c)	Which statement is correct about how ice cores show evidence of climate change?	
	A colour of the ice	
	B concentration of gases in air bubbles	
	C evidence of ice melting	
	D thickness of the ice	
	Write the correct letter in the box.	[1]
(d)	Explain how volcanic activity is a natural cause of climate change.	

(e)	Discuss the consequences of climate change currently being experienced across the planet.
	[6]

END OF QUESTION PAPER

EXTRA ANSWER SPACE

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

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