

GCSE (9–1) Geography A (Geographical Themes) J383/02 The World Around Us

Tuesday 5 June 2018 – Afternoon

Time allowed: 1 hour

You must have:

• the Resource Booklet (inserted)

You may use:

- · a scientific or graphical calculator
- a ruler (cm/mm)



	First name	
	Last name	
$\left(\right.$	Centre number	Candidate number

INSTRUCTIONS

- The separate Resource Booklet will be found inside this document.
- Use black ink. You may use an HB pencil for graphs and diagrams.
- Complete the boxes above with your name, centre number and candidate number.
- Answer all the questions.
- Write your answer to each question in the space provided. If additional space is required, use the lined page(s) at the end of this booklet. The question number(s) must be clearly shown.
- Do **not** write in the barcodes.

INFORMATION

- The total mark for this paper is 60.
- The marks for each question are shown in brackets [].
- Quality of extended responses will be assessed in questions marked with an asterisk (*).
- Spelling, punctuation and grammar and the use of specialist terminology (SPaG) will be assessed in guestions marked with a pencil ().
- · This document consists of 12 pages.



Answer **all** the questions.

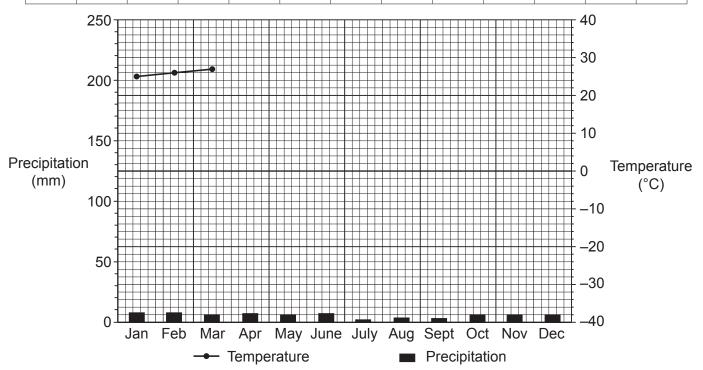
Ecosystems of the Planet

'	(a)	Siu	dy Fig. 1, a diagram showing characteristic leatures of selected ecosystems.
		(i)	Which ecosystem has the lowest temperatures?
			[1]
		(ii)	Use Fig. 1 to explain the relationship between climate and vegetation.

(b) (i) Complete the climate graph below.

Draw the rest of the line accurately to show the remaining data for temperature.

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Temp °C	25	26	27	29	32	37	37	37	34	29	26	26



- (ii) Which type of ecosystem does the completed climate graph show?
 - A hot desert
 - **B** temperate forest
 - C tropical grassland
 - D tropical rainforest

Write the correct letter in the box.

[1]

[2]

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planet.

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People of the Planet

	Apiairi two o	onsequences	oi rapid u	ırbanisation i	n LIDCs.		
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•••							
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(c)	(i)	Study Fig. 2 , information about a Computer Aid International project in Kenya.						
		Wha	at type of aid is shown in Fig. 2 ?					
		A B C D	Bilateral aid Multilateral aid Official government aid Voluntary aid					
		Writ	te the correct letter in the box.	[1]				
	(ii)	Sug	gest how aid can both promote and hinder development.					
				41				

(d)* CASE STUDY – Trade and economic development

Explain how trade affects the economic development of an LIDC or an EDC you have studied.
LIDC or EDC studied:
191

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8

Environmental threats to our Planet

Study F	Study Fig. 3 , a diagram showing the greenhouse effect.					
(a) (i)	Which of the following statements correctly describes the arrow labelled X?					
	 A build-up of greenhouse gases B heat escapes into space C infrared radiation D solar radiation 					
	Write the correct letter in the box.	[1]				
(ii)	State two different greenhouse gases.					
	1					
	2					
(iii)	Explain how human activity creates the enhanced greenhouse effect.	[2]				
		••••				

.....[4]

Study Fig. 4, a map showing the distribution and frequency of tropical storms from 1980 to 2000. (b) Describe the pattern of the distribution of tropical storms shown in Fig. 4.[3] (c) Suggest how global warming could affect the frequency of drought in the future.

.....[3]

Describe how people in your case study area have adapted to the drought and comment on

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

the success of their methods.
Case study area:
[6

END OF QUESTION PAPER

11 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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