

Cambridge IGCSE[™]

CANDIDATE NAME		
CENTRE NUMBER	CANDIDATE NUMBER	

8472938682

GEOGRAPHY 0460/11

Paper 1 Geographical Themes

May/June 2024

1 hour 45 minutes

You must answer on the question paper.

You will need: Insert (enclosed)

Ruler

Calculator Protractor

INSTRUCTIONS

- Answer three questions in total, one from each section.
- Use a black or dark blue pen. You may use an HB pencil for any diagrams or graphs.
- Write your name, centre number and candidate number in the boxes at the top of the page.
- Write your answer to each question in the space provided.
- Do not use an erasable pen or correction fluid.
- Do not write on any bar codes.
- If additional space is needed, you should use the lined pages at the end of this booklet; the question number or numbers must be clearly shown.

INFORMATION

- The total mark for this paper is 75.
- The number of marks for each question or part question is shown in brackets [].
- The insert contains additional resources referred to in the questions.

Definitions

MEDCs – More Economically Developed Countries LEDCs – Less Economically Developed Countries

This document has 28 pages. Any blank pages are indicated.

Section A

Answer **one** question from this section.

1 (a) Study Fig. 1.1, information about birth rates and death rates in six countries in 2021.

country	birth rate (per 1000)	death rate (per 1000)
Argentina	16.6	7.6
Bolivia	21.2	6.8
Bulgaria	8.2	15.4
Kuwait	18.8	2.8
Lesotho	24.2	14.1
Niger	47.3	8.2

Fig. 1.1

	Fig. 1.1
(i)	Identify the country from Fig. 1.1 which was experiencing natural population decline in 2021.
	[1]
(ii)	Calculate the natural population increase of Niger in 2021. You should show your calculations.
	per 1000
	[2]
(iii)	Compare the natural population increase of Kuwait with the natural population increase of Lesotho. Include statistics in your answer.
	ro1

	(iv)	Suggest why birth rates are high in LEDCs such as Bolivia, Lesotho and Niger.
		[4]
(b)		dy Fig. 1.2 (Insert), a photograph taken in Yaoundé, the capital city of Cameroon (an LEDC frica).
	(i)	Give three pieces of evidence from Fig. 1.2 which suggest that Yaoundé is a densely populated urban area.
		1
		2
		3
		[3]

(ii)	 Describe the problems experienced by people living in urban areas with a high pop density, such as Yaoundé. 					
	15					

(c)	For a country or area you have studied explain why it is sparsely populated .	
	Name of country or area	
		•••
		•••
		.
		7]

2		udy Fig. 2.1 (Insert), a map showing urban zones in Bangkok, the capital city of Thailand (a ountry in Asia).
	(i)	What is the direction from point ${\bf X}$ in the CBD of Bangkok to the government buildings at ${\bf Y}$?
		[1]
	(ii)	Using Fig. 2.1, describe the location of the high-density residential zones in Bangkok.
		[2]
	(iii)	The residential area in the rural-urban fringe marked Z on Fig. 2.1 has been recently developed. Give three advantages of living in the rural-urban fringe.
		1
		2
		3
		[3]
	(iv)	Describe the impacts of urban sprawl on the natural environment.
		[4]

(b)	Stu	dy Fig. 2.2 (Insert), a photograph taken in Hat Yai, an urban area in Thailand.
	(i)	Describe three characteristics of the buildings shown in Fig. 2.2.
		1
		2
		3
		[3]
	(ii)	Describe the causes and effects of one named type of pollution likely to be experienced by the people living in the area shown in Fig. 2.2.
		type of pollution
		causes
		effects
		[5]

Nama - f					
name of	urban area	 	 		

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Section B

Answer **one** question from this section.

3 (a) Study Fig. 3.1, a sketch showing an area of tropical rainforest.

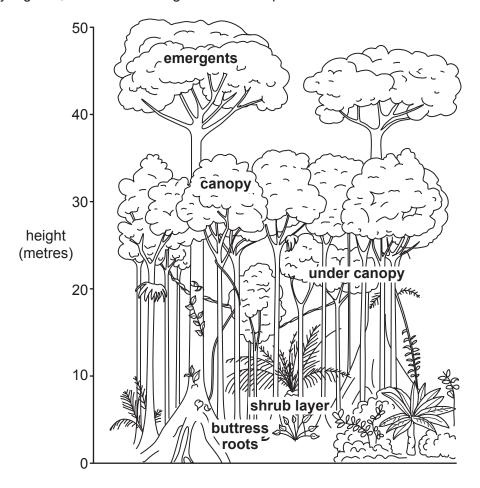


Fig. 3.1

(1)	Using Fig. 3.1, compare the neight of the emergents with the height of the canopy lay	
•	Using Fig. 3.1, state how the density and structure of vegetation are typical of an area tropical rainforest.	a of
	density	
	structure	
		 [2]

(iii)	There are many different species of plants and animals in many areas of tropical rainforest. Give three reasons for this high biodiversity.
	1
	2
	3
	[3]
(iv)	Explain why equatorial and hot desert climates have different amounts of rainfall.
(14)	
	[4]
	[7]

)	Stu	dy Fig. 3.2 (Insert), information about deforestation in the Amazon rainforest in 2021.	
	(i)	Using Fig. 3.2, describe the distribution of high deforestation in the Amazon rainfo in 2021.	rest
			[3]
	(ii)	Suggest reasons to explain the distribution of deforestation in the Amazon rainforest.	
			LJ.

Ynu s	hould ref	er to nam	ed places	3			
100 3	riodia ici	Ci to nam	cu piace.	J.			

4 (a) Study Fig. 4.1, which shows a drainage basin.

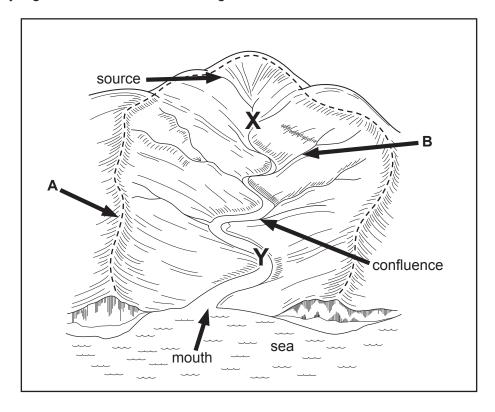


Fig. 4.1

(i)	On Fig. 4.1 draw an arrow to show the direction the river is flowing.	[1]
(ii)	Identify the features labelled at A and B .	
	A	
	В	[2]
(iii)	Describe three differences between the river valley at X and Y .	
	1	
	2	
	3	
		 [3]

	(iv)	Explain why deposition occurs where the river enters the sea.
		[4]
(b)	Stu	dy Fig. 4.2 (Insert), a photograph of part of an oxbow lake.
	(i)	Describe the characteristics of the oxbow lake shown in Fig. 4.2.
		[3]

Explain how an oxbow lake is forme You may use a labelled diagram.	ed.

(ii)

•	Name of river

Section C

Answer ${\bf one}$ question from this section.

5	(a)		dy Fig. 5.1 (Insert), a map showing the importance of different industries in Austria DC in Europe).	(an
		(i)	What is meant by food processing industry?	
				[1]
		(ii)	Name two places where food processing industries are located.	
			1	
			2	[2]
		(iii)	Describe the distribution of industry in Austria.	
		<i>(</i> ;)		[3]
		(iv)	Compare the importance of different industries in Linz and Graz.	
				[4]

(b)	Study Fig. 5.2, a flow diagram of a dairy. A dairy is an example of a food processing industry.
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Fig. 5.2

(i)	Identify one input, one process and one output of the dairy shown in Fig. 5.2.
	input
	process
	output
(ii)	[3] Suggest reasons why many dairies are located in rural areas.
	[5]

(c) Explain how a named economic activity in an area you have studied is managed to reduce

	_4114.				
=conomic a	ctivity	•••••	 	••	

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6 (a) Study Fig. 6.1, a scatter graph showing the relationship between two indicators of development in selected countries.

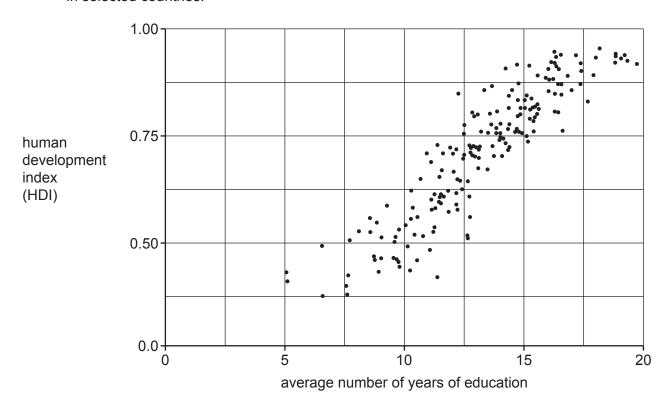


Fig. 6.1

(i)	Draw a best-fit line on Fig. 6.1.	[1]
(ii)	To what extent does Fig. 6.1 show that there is a relationship between Development Index (HDI) and average number of years of education?	Human

(iii)	Explain why there is a relationship between HDI and average number of years of education.
	[3]
(iv)	Compare the usefulness of HDI and the total GNP (Gross National Product) of a country as indicators of its level of development.
	[4]

(b) Study Fig. 6.2, a graph showing the percentage of women employed in the primary, secondary and tertiary sectors in Indian cities between 1984 and 2018.

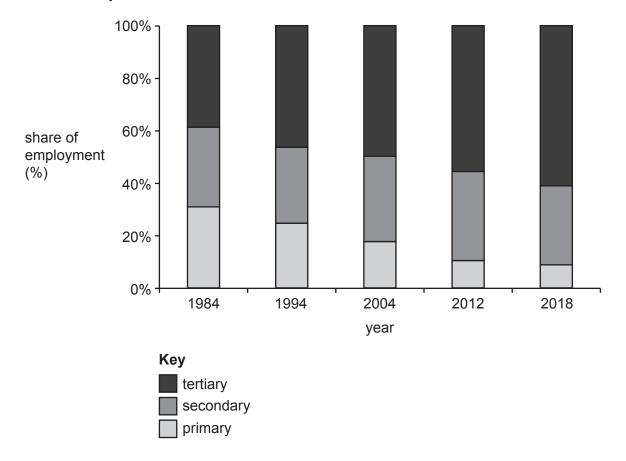


Fig. 6.2

Using Fig. 6.2, describe the changes in the percentage of women employed in the primary, secondary and tertiary sectors between 1984 and 2018.
[3]
[5]

(ii)	Suggest reasons why the percentage of women employed in the tertiary sector in cities in India has changed between 1984 and 2018.
	[5]

)	Explain why globalisation has occurred. You should refer to named examples.		

[Total: 25]

Additional pages

clearly shown.						

Additional pages

If you use the following page to complete the answer to any question, clearly shown.	the question number must be

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