

Cambridge IGCSE[™]

CANDIDATE NAME					
CENTRE NUMBER			CANDIDATE NUMBER		

041735442

GEOGRAPHY 0460/11

Paper 1 Geographical Themes

October/November 2023

1 hour 45 minutes

You must answer on the question paper.

You will need: Insert (enclosed)

Calculator Ruler

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 the number of emigrants from four different parts of the world.

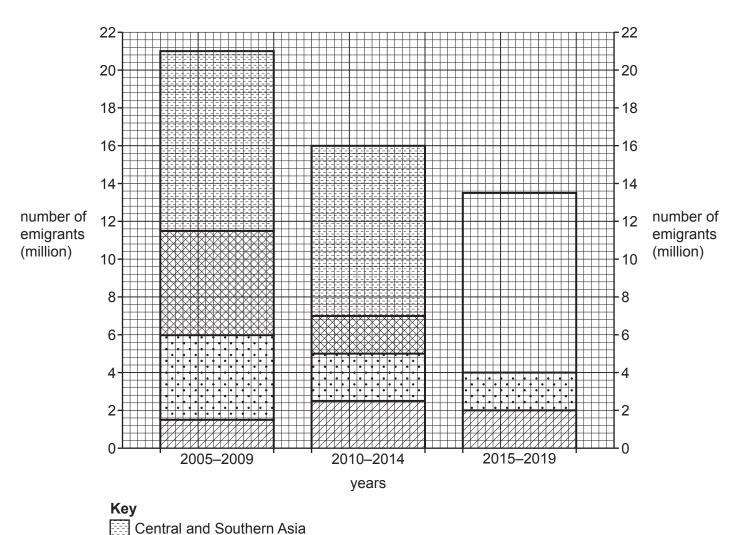


Fig. 1.1

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East and Southeast Asia South and Central America

Sub-Saharan Africa

(i)	What was the total number of emigrants from the four parts of the world shown in Fig. 1.1 between 2005 and 2009?
	million [1]
(ii)	Complete Fig. 1.1 to show the following information about the number of emigrants between 2015 and 2019.
	East and Southeast Asia = 3 million Central and Southern Asia = 6.5 million [2]
(iii)	Using Fig. 1.1, describe the change in the number of emigrants from different parts of the world between the periods 2005–2009 and 2010–2014. Do not use statistics in your answer.
	[3]
(iv)	Suggest two advantages and two disadvantages for LEDCs of large numbers of people moving away from them.
	advantage 1
	advantage 2
	disadvantage 1
	disadvantage 2
	[4]

(b) Study Fig. 1.2, which shows information about the main migrations of workers in Southeast Asia.

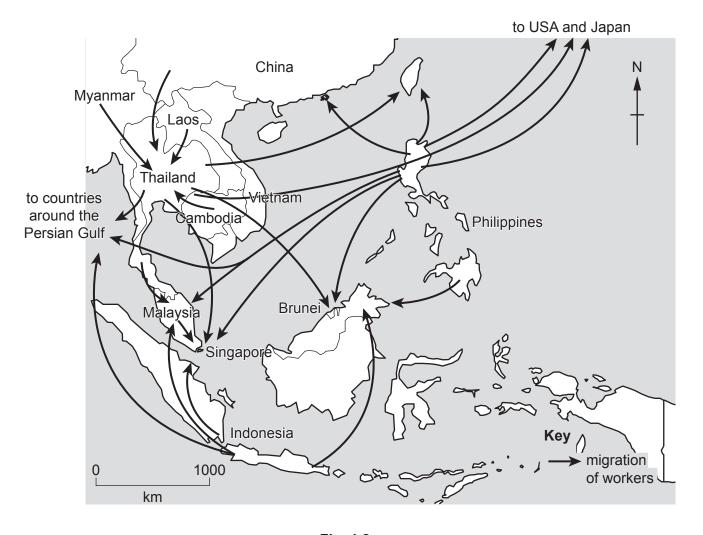


Fig. 1.2

/=>	1 1 4.6	4.1		
(i)	Identify	tha	tal	lowina:
	ICICITIIIV	uic	пол	www.

 a country from which many workers migrate to Thailand
– a country to which many workers migrate from the Philippines
 a country which has many workers migrating both to and from it.

[3]

(ii)	Suggest reasons why many workers and their families move away from LEDCs such as the Philippines.
	[5]

(c)	For a named country or area you have studied, explain why it has a low population density .
	Name of country or area
	[7]

2

(a)	Stu	dy Fig. 2.1 (Inse	ert), a photogra	aph of a settlement in Croatia (an	MEDC in Europe).
	(i)	What type of re	ural settlemen	is marked by X on Fig. 2.1?	
		Circle one of	the following.		
		dispersed	linear	nucleated	[1]
	(ii)	Using evidence the people who	_	I, identify two resources which w t X .	ould have been useful for
		1			
		2			[2]
	(iii)	Describe the s	ite and situation	on of settlement X .	
					[3]
	(iv)	Suggest two reurban area. De		e settlement at X has remained si swers.	mall and not grown into an
		1			
		2			
					[4]

(b) Study Fig. 2.2, a graph showing the results of a survey in the USA (an MEDC) about where people would like to live.

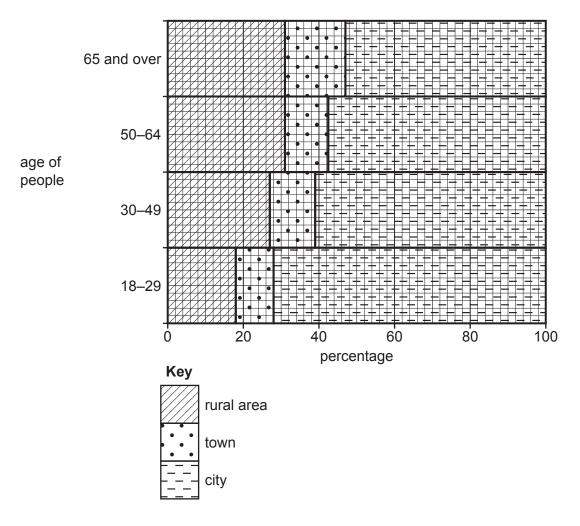


Fig. 2.2

(1)	50–64 who completed the survey. Do not use statistics in your answer.
	[3

(ii)	Suggest reasons why many people aged 65 and over would like to live in a rural area.
	151

migrate to it from surrounding rural areas.
Name of urban area

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Section B

Answer **one** question from this section.

3	(a)		dy Fig. 3.1 (Insert), information about earthquakes which have occurred in and around onesia (an LEDC in Southeast Asia) between 1900 and 2019.
		(i)	How many earthquakes of a magnitude between 8.0 and 8.9 occurred in the area shown on Fig. 3.1 between 1900 and 2019?
			[1]
		(ii)	Using Fig. 3.1, describe the distribution of earthquakes.
			[2]
		(iii)	Suggest three likely impacts of earthquakes in Indonesia.
			1
			2
			3
		(iv)	Explain why many people still live in areas where earthquakes occur.
			1/11

(b)	Stu	dy Fig. 3.2 (Insert), a photograph of the main crater of Mount Vesuvius, a volcano in Italy.
	(i)	Describe the landscape of the crater shown in Fig. 3.2.
		[3]
	(ii)	Explain the advantages of living close to a volcano such as Mount Vesuvius.
		[5]

	Name of volcano

4 (a) Study Fig. 4.1, which shows traditional instruments used in a weather station. Fig. 4.2 (Insert) is a photograph showing one of these instruments.

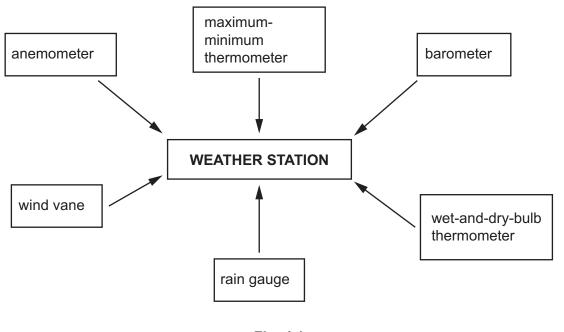


Fig. 4.1

(i)	Which of the weather instruments listed in Fig. 4.1 is shown in Fig. 4.2?
	[1]
(ii)	Describe the method used to take readings from the weather instrument shown in Fig. 4.2.
	[2]
(iii)	Identify the three weather instruments listed in Fig. 4.1 which are kept in a Stevenson Screen.
	1
	2

` ,	Explain why some weather instruments are kept in a Stevenson Screen.
	[4

Fig. 4.4 (Insert) is a photograph showing where the weather station is going to be located.

(b) Study Fig. 4.3, a diagram of a digital weather station which has been bought by a school.

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(i)	Describe three benefits of using a digital weather station rather than traditional instruments	3.
	1	
	2	
	3	
	[3	3]
(ii)	The school is considering locating the digital weather station at X in Fig. 4.4. Explain the disadvantages of this site.	
	[5	5]

For an equatorial area you have studied, describe and explain the characteristics of t climate.
Name of equatorial area

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Section C

Answer **one** question from this section.

5 (a) Study Fig. 5.1, a map showing information about the main coal-using countries.

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Fig. 5.1

(i)	How much coal is used per year in Australia?		
	million oil-equivalent tonnes.	[1]	

(ii) Put the following countries in rank order of the amount of coal used per year.

Brazil	China	Russia	United States	
1st		most		
2nd				
3rd				
4th		least		[2]

(iii)	Using Fig. 5.1, describe the global distribution of the main coal-using countries.	
		[3]
(iv)	Explain how the use of coal increases global temperatures.	[-]
(14)	Explain flow the use of coal moreases global temperatures.	
		[4]

(b) Study Fig. 5.2, a scatter graph showing the relationship between GDP per person and the use of electricity per person in 2019. GDP per person is a measure of wealth.

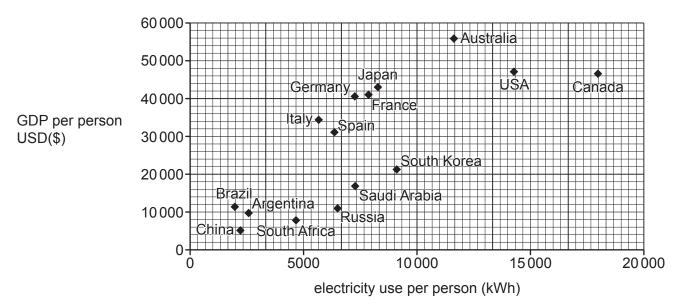


Fig. 5.2

(i)	Describe the relationship between GDP per person and the use of electricity per person. Use statistics to support your answer.
	[3]
ii)	Explain why there is a relationship between the wealth of a country and the amount of electricity it uses.
	[5]

(c)	For a named country you have studied, describe and explain the importance of renewable energy supplies.
	Name of country
	[7]

- 6 (a) Study Fig. 6.1 (Insert), a map showing information about economic activity in South Korea.
 - (i) Which one of the following statements about the distribution of economic activity in South Korea is correct?
 Tick (✓) one statement in the table.

	tick (√)
all clustered in the east of the country	
close to the border with North Korea	
mainly on or close to the coast	
spread evenly across the country	

[1]

(ii)	Using Fig. 6.1, identify the following:	
	– a major fishing port	
	- a location where hydro-electric power is generated	[2]
(iii)	Describe the similarities and differences in the economic activity at Kwangju and Ulsa	ın.
	similarities	
	differences	
		[3]
(iv)	Using evidence from Fig. 6.1, explain two different reasons for the growth of industry the north-east of South Korea, in and around Mukhojin-ni.	/ in
	1	
	2	
		Γ Δ1

(b)	Study Fig. 6.2, information about the value of production from selected industries in Sou Korea.	ıth
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	Fig. 6.2	
	Fig. 6.2 (i) Compare the value of production from the car assembly and metals production industri in South Korea in 2007, 2012 and 2017. Use statistics to support your answer.	es
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(ii)	Many of the industries shown in Fig. 6.2 are part of transnational corporations. Describe the advantages and disadvantages of transnational corporations for LEDCs.
	advantages
	disadvantages
	······································

(c) Name and locate an economic activity you have studied.

Name of ed	conomic activity	

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