

Cambridge IGCSE[™]

CANDIDATE NAME					
CENTRE NUMBER			CANDIDATE NUMBER		

1 3 0 8 4 7 1 1 5 6

GLOBAL PERSPECTIVES

0457/13

Paper 1 Written Examination

October/November 2021

1 hour 15 minutes

You must answer on the question paper.

You will need: Insert (enclosed)

INSTRUCTIONS

- Answer all questions.
- Use a black or dark blue pen.
- 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.

INFORMATION

- The total mark for this paper is 70.
- The number of marks for each question or part question is shown in brackets [].
- The insert contains all the sources referred to in the questions.

Read the information in the insert and answer **all** questions.

Stu	dy Sources 1 and 2.	
(a)	According to Source 1, by how much is global energy use estimated to increase betw 2020 and 2035?	een
		[1]
(b)	Identify two advantages of solar power, from Source 2.	
		[2]
(c)	Which advantage of solar power do you think is most important? Explain why.	
		[3]

(d)	Explain one global advantage and one local disadvantage of solar power.
	Global advantage:
	Local disadvantage:
	[6]

	2	Study	Source	3.
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(a)	'It is easy to use less energy in your home.'
	What are the strengths and weaknesses of the argument supporting this claim?
	[6]

(b)	'Most people know that climate change is affected by energy use.'	
	How could you test this claim? You may consider the types of information, sources of evider or methods you might use.	nce
		[8]

3	Stud	dy So	ource 4.
	(a)	lder	ntify one fact from Dhia's statement. Explain why this is a fact.
			[2]
	(b)	Arif	is arguing that we need to use less energy.
		(i)	Identify one prediction from Arif's statement.
			[1]
		(ii)	Explain how well this prediction supports Arif's argument.

16) William and an included contribution as the contribution of	(c)	Which argument	is more	convincing.	Dhia's	or Arif's?
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Your answer should consider both arguments and you should support your point of view with their words.

You should also consider:

•	the strength of their reasoning and evidence their use of language the different kinds of information used.

4 A government wants to take action to protect the environment.

The following actions are being considered:

- generate more electricity from solar and wind power
- encourage people to use less electricity in their home
- educate people about the causes of climate change.

Which one of these actions would you recommend to the government, and why?

In your answer, you should:

- state your recommendation
- give reasons and evidence to support your choice
- use the material in the sources and/or any of your own ideas
 consider different arguments and perspectives.

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