



**Cambridge Assessment
International Education**

Cambridge IGCSE™

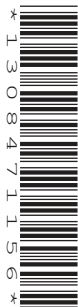
CANDIDATE
NAME

CENTRE
NUMBER

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CANDIDATE
NUMBER

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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.

This document has **12** pages. Any blank pages are indicated.

2

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

1 Study Sources 1 and 2.

- (a)** According to Source 1, by how much is global energy use estimated to increase between 2020 and 2035?

.....
..... [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]

3

(d) Explain **one** global advantage and **one** local disadvantage of solar power.

Global advantage:

.....

.....

.....

.....

.....

Local disadvantage:

.....

.....

.....

.....

..... [6]

What are the strengths and weaknesses of the argument supporting this claim?

[6]

[8]

3 Study Source 4.

(a) Identify **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.

.....

.....

.....

..... [2]

You should also consider:

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

..... [15]

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.

[illegible]

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