

Cambridge International AS & A Level

GEOGRAPHY 9696/41

Paper 4 Advanced Human Geography Options

May/June 2023

1 hour 30 minutes

You must answer on the enclosed answer booklet.

You will need: Answer booklet (enclosed)

Insert (enclosed)

INSTRUCTIONS

Answer four questions in total:

Answer questions from two options.

For each option, follow the instructions inside on which questions to answer.

- Follow the instructions on the front cover of the answer booklet. If you need additional answer paper, ask the invigilator for a continuation booklet.
- Sketch maps and diagrams should be drawn whenever they serve to illustrate an answer.
- You should make reference to appropriate examples studied in the field or the classroom, even where such examples are not specifically requested by the question.

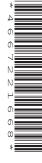
INFORMATION

- The total mark for this paper is 60.
- The number of marks for each question or part question is shown in brackets [].
- The insert contains all the resources referred to in the questions.

LICs = low income countries.

MICs = middle income countries.

HICs = high income countries.



Answer questions from **two** different options.

Production, location and change

If answering this option, answer Question 1 and either Question 2 or Question 3.

- 1 Fig. 1.1 is a photograph which shows an industrial estate in Thailand, an MIC in Asia.
 - (a) Describe the main characteristics of the industrial estate shown in Fig. 1.1. [4]
 - (b) Suggest how industrial estates such as that shown in Fig. 1.1 attempt to reduce their impact on the local environment. [6]
- With reference to **one** country, assess the extent to which the management of agricultural change has been successful. [20]
- 3 'Markets are the most important factor influencing the location of manufacturing and related service industry.'

[20]

With reference to one or more examples, how far do you agree?

Environmental management

If answering this option, answer Question 4 and either Question 5 or Question 6.

- **4** Fig. 4.1 shows the types of energy resources used for electricity generation in selected countries in 2017.
 - (a) Describe the variations in the types of energy resources used for electricity generation for the countries shown in Fig. 4.1. [4]
 - **(b)** Suggest **two** reasons why the use of hydroelectric power (HEP) varies between countries. [6]
- 5 Evaluate the success of **one** named located scheme to produce electricity. [20]
- 6 How far do you agree that a global view is needed to solve problems of pollution? [20]

© UCLES 2023 9696/41/M/J/23

Global interdependence

If answering this option, answer Question 7 and either Question 8 or Question 9.

- **7** Fig. 7.1 shows government debt as a percentage of gross domestic product (GDP) of LICs from 1970 to 2018.
 - (a) Describe the trends shown in Fig. 7.1.

[4]

(b) Explain **two** causes of debt for countries.

[6]

8 Assess the relative importance of factors affecting global inequalities in trade flows.

[20]

9 'The key to sustainable management of a tourist destination is learning from the past.'

With reference to one or more examples, how far do you agree?

[20]

Economic transition

If answering this option, answer Question 10 and either Question 11 or Question 12.

- **10** Fig. 10.1 shows the distribution of employment by sector for LICs and HICs in 1991 and 2018.
 - (a) Compare the changes in employment for LICs and HICs shown in Fig. 10.1.

[4]

(b) Explain the role of the primary sector in economic development.

[6]

11 'Labour is the most important factor in the growth and spatial structure of transnational corporations (TNCs).'

With reference to one or more examples, how far do you agree?

[20]

12 With reference to **one** country, assess the extent to which physical factors cause regional disparities. [20]

© UCLES 2023 9696/41/M/J/23

Δ

BLANK PAGE

The boundaries and names shown, the designations used and the presentation of material on any maps contained in this question paper/insert do not imply official endorsement or acceptance by Cambridge Assessment International Education concerning the legal status of any country, territory, or area or any of its authorities, or of the delimitation of its frontiers or boundaries.

Permission to reproduce items where third-party owned material protected by copyright is included has been sought and cleared where possible. Every reasonable effort has been made by the publisher (UCLES) to trace copyright holders, but if any items requiring clearance have unwittingly been included, the publisher will be pleased to make amends at the earliest possible opportunity.

To avoid the issue of disclosure of answer-related information to candidates, all copyright acknowledgements are reproduced online in the Cambridge Assessment International Education Copyright Acknowledgements Booklet. This is produced for each series of examinations and is freely available to download at www.cambridgeinternational.org after the live examination series.

Cambridge Assessment International Education is part of Cambridge Assessment. Cambridge Assessment is the brand name of the University of Cambridge Local Examinations Syndicate (UCLES), which is a department of the University of Cambridge.

© UCLES 2023 9696/41/M/J/23