



Cambridge International AS & A Level

GEOGRAPHY

9696/41

Paper 4 Advanced Human Geography Options

May/June 2022

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.

This document has **4** pages. Any blank pages are indicated.

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 shows percentage change in farm numbers and farm area by agricultural activity, in New Zealand, an HIC in Australasia, between 2002 and 2016.
- (a) Compare the main changes in animal farming with crop farming shown in Fig. 1.1. [4]
- (b) Explain the advantages of larger farms for the production of food. [6]
- 2** ‘Physical factors determine the possibilities for agriculture but economic factors decide how the land is actually used.’
- With reference to one or more examples, how far do you agree with this statement? [20]
- 3** With reference to **one** country’s industrial policy, assess the extent to which the government was able to solve the issues faced by its manufacturing industry. [20]

Environmental management

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

- 4** Fig. 4.1 shows population served by, and type of, off-grid renewable energy sources from 2010 to 2016.
- (a) Describe the main changes shown in Fig. 4.1. [4]
- (b) Suggest why off-grid energy sources are useful for overcoming energy supply issues in LICs/MICs. [6]
- 5** With reference to one or more examples, assess the extent to which climate is an important factor influencing the type of energy used to generate electricity. [20]
- 6** ‘The causes of environmental degradation are complex but the solutions are simple.’
- With reference to **one** degraded environment, how far do you agree with this statement? [20]

Global interdependence

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

- 7 Table 7.1 shows carbon dioxide (CO₂) emissions (kg), by transport type, from international tourism in 2016 and estimated for 2030.
- (a) Describe the changes in carbon dioxide (CO₂) emissions by transport type shown in Table 7.1. [4]
- (b) Explain **two** ways in which tourism benefits the environment. [6]
- 8 Assess the extent to which countries benefit from **free trade**. [20]
- 9 'The international debt crisis is difficult to solve.'
- To what extent do you agree with this view? [20]

Economic transition

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

- 10 Fig. 10.1 shows inflows of foreign direct investment (FDI) as a percentage of gross domestic product (GDP) in 2018.
- (a) Describe the global distribution of FDI inflows of 2% or more of GDP shown in Fig. 10.1. [4]
- (b) Explain **two** disadvantages, for some countries, of high levels of FDI. [6]
- 11 How far do you agree that variations in national development are best measured using economic indices? [20]
- 12 'Globalisation of economic activity has done little to reduce global inequalities.'
- To what extent do you agree with this statement? [20]

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.