



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]

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