

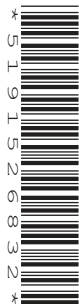


Cambridge International AS & A Level

GEOGRAPHY

9696/41

Paper 4 Advanced Human Geography Options

May/June 2021**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.

2

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 irrigated valley in Northern India, an MIC in Asia.

(a) Suggest how the physical environment shown in Fig. 1.1 affects agricultural land use and practices in area X. [4]

(b) Explain **two** negative environmental impacts of the intensification of agriculture. [6]
- 2 With reference to **one** country, assess the extent to which the difficulties of managing agricultural change are caused by economic factors. [20]
- 3 'In the twenty-first century, materials are an important factor affecting the location of manufacturing industry.'

With reference to one or more examples, how far do you agree? [20]

Environmental management

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

- 4 Fig. 4.1 shows electricity produced by a hydroelectric power (HEP) scheme in 2017 and 2018, in the USA, an HIC in North America.

(a) Compare the variations in electricity produced in 2017 with 2018 shown in Fig. 4.1. [4]

(b) Explain why the amount of electricity produced by HEP schemes may vary seasonally. [6]
- 5 With reference to **one** country's overall electrical energy strategy, assess the extent to which reducing environmental impacts is an important factor. [20]
- 6 Evaluate the role of economic factors in causing water pollution in LICs/MICs. [20]

Global interdependence

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

- 7 Fig. 7.1 shows bilateral aid given by Australia, an HIC, to selected countries in 2017. Fig. 7.2 shows the names of the countries.
- (a) Describe the pattern of bilateral aid shown in Fig. 7.1. [4]
- (b) Explain **two** advantages of tied aid for donor countries. [6]
- 8 How far do you agree that trade can solve the problems of the international debt crisis? [20]
- 9 To what extent do you agree that trends in international tourism are caused by political factors? [20]

Economic transition

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

- 10 Table 10.1 shows contribution to GDP, by sector, for three MICs in Southeast Asia in 2017.
- (a) Using evidence from Table 10.1, contrast the level of economic development of the three countries. [4]
- (b) Explain **three** advantages of using economic indicators to measure inequality between countries. [6]
- 11 Assess the role of foreign direct investment (FDI) in the globalisation of economic activity. [20]
- 12 With reference to **one** country, how far do you agree that the regional disparities can be explained by the concept of core–periphery? [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 the Cambridge Assessment Group. Cambridge Assessment is the brand name of the University of Cambridge Local Examinations Syndicate (UCLES), which itself is a department of the University of Cambridge.