



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.

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]

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