



# Cambridge International AS & A Level

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## GEOGRAPHY

9696/42

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)

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## 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.

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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 the concentration of computer and electronic product manufacturing industry in the USA in 2015. Fig. 1.2 shows the names of the states.
- (a) Describe the distribution shown in Fig. 1.1. [4]
- (b) Explain **two** benefits of agglomeration for manufacturing industry. [6]
- 2** Assess the extent to which technology can overcome physical limitations to agricultural production. [20]
- 3** With reference to one or more examples, assess the extent to which government policy influences the location of manufacturing industry. [20]

### Environmental management

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

- 4** Fig. 4.1 shows the range of carbon dioxide (CO<sub>2</sub>) emissions of fossil fuel and geothermal electricity production.
- (a) Compare the carbon dioxide (CO<sub>2</sub>) emissions from electricity produced using fossil fuel and geothermal power. [3]
- (b) Explain the problems of using renewable energy sources, other than carbon dioxide (CO<sub>2</sub>) emissions. [7]
- 5** Assess the extent to which climate is a factor influencing variations in demand for electricity at the national scale. [20]
- 6** 'Removing the constraints is important for the success of attempts to improve the quality of degraded environments.'
- With reference to one or more examples, how far do you agree with this view? [20]

### Global interdependence

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

- 7** Table 7.1 shows source and destination regions of international tourists to Europe and from Europe in 2016.
- (a)** Compare the number of international tourists travelling to Europe and from Europe shown in Table 7.1. [4]
- (b)** Explain **two** disadvantages of tourism for local environments. [6]
- 8** ‘All global trade should follow the principles of **Fairtrade**.’
- How far do you agree with this statement? [20]
- 9** ‘Economic sustainability is the most important issue for the management of a tourist destination.’
- 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 world GDP in 2008, 2013 and 2018.
- (a)** Describe the changes from 2008 to 2018 shown in Fig. 10.1. [4]
- (b)** Explain the advantages of using social indices to measure inequality. [6]
- 11** Assess the importance of economic factors in the emergence and growth of newly industrialised countries (NICs). [20]
- 12** With reference to **one** country, assess the extent to which the difficulties faced in attempts to solve regional disparities have been overcome. [20]

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