

GEOGRAPHY

9696/33

Paper 3 Advanced Human Options

October/November 2015

1 hour 30 minutes

No Additional Materials are required.

READ THESE INSTRUCTIONS FIRST

An answer booklet is provided inside this question paper. You should follow the instructions on the front cover of the answer booklet. If you need additional answer paper ask the invigilator for a continuation booklet.

Answer **two** questions only. Each question answered **must** be from a different topic.

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.

All the Figures referred to in the questions are contained in the Insert.

The number of marks is given in brackets [] at the end of each question or part question.



This document consists of **3** printed pages, **1** blank page and **2** Inserts.

Production, location and change

Only **one** question may be answered from this topic.

- 1 (a) Fig. 1 shows food demand for MEDCs, LEDCs and the world in 1974 and 1997 and forecasts for 2020.
- (i) Describe the trends in food demand shown in Fig. 1. [3]
- (ii) Explain how the food demand in LEDCs in 2020 may be met. [7]
- (b) With the help of one or more examples, evaluate the effects of the intensification of agriculture on environments and people. [15]
- 2 (a) (i) Give the meaning of the term *economies of scale* for manufacturing industry. Explain how economies of scale occur. [5]
- (ii) Give the meaning of the term *diseconomies of scale* for manufacturing industry. Explain how diseconomies of scale occur. [5]
- (b) For **one** named country, assess the extent to which the main issues limiting growth in manufacturing and related service industries have been overcome. [15]

Environmental management

Only **one** question may be answered from this topic.

- 3 (a) Fig. 2 shows energy gain and carbon dioxide (CO₂) emissions for conventional fuels for motor vehicles and four biofuels.
- With reference to Fig. 2 and your own knowledge, describe the advantages of using biofuels rather than conventional fuels. [10]
- (b) For **one** named country, to what extent have the aims of its strategy for supplying electricity been fulfilled? [15]
- 4 (a) Describe and explain how population increase can lead to environmental degradation. [10]
- (b) With the help of one or more examples, explain why water pollution is difficult to reduce. [15]

Global interdependence

Only **one** question may be answered from this topic.

- 5 (a) (i) Give the meaning of the terms *visible imports* and *invisible exports*. [4]
 (ii) Briefly describe the role of the World Trade Organization (WTO). [6]
 (b) With the help of examples, assess why MEDCs dominate global trade. [15]
- 6 (a) Describe and explain the impacts of tourism on the environment. [10]
 (b) Fig. 3 shows the life cycle model of the development of resorts and tourist destinations.
 With the help of examples, evaluate the usefulness of this model in understanding the development of tourism. [15]

Economic transition

Only **one** question may be answered from this topic.

- 7 (a) **Content removed due to copyright restrictions.** [10]
 (b) Explain why some countries attract more foreign direct investment (FDI) than others. [15]
- 8 For **one** country you have studied:
 (a) describe the characteristics of its core and its periphery; [10]
 (b) evaluate the success of attempts to reduce disparities between the core and the periphery. [15]

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