

Cambridge  
International  
AS & A Level

**Cambridge International Examinations**  
Cambridge International Advanced Subsidiary and Advanced Level

**GEOGRAPHY**

**9696/32**

Paper 3 Advanced Human Options

**October/November 2016**

**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 the number of tractors in use in 2006.
    - (i) Describe the benefits of mechanisation in agriculture. [5]
    - (ii) Briefly explain **three** problems which may arise from the mechanisation of agriculture. [5]
  - (b) With the help of one or more examples, assess why the management of agricultural change can be difficult. [15]
- 2 (a) (i) Describe the types of manufacturing industries which may locate near to their raw materials. [5]
  - (ii) Briefly explain the significance of markets in industrial location. [5]
  - (b) With the help of one or more examples, assess the effects of employment in the informal sector on its workers and for the government. [15]

## Environmental management

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

- 3 (a) Fig. 2 shows coal consumption, by world region, 1988–2013.
    - (i) Describe the trends in coal consumption shown in Fig. 2. [5]
    - (ii) Suggest reasons for the trend in coal consumption in Asia Pacific since 2003 shown in Fig. 2. [5]
  - (b) Assess the contribution of renewable resources to the energy supply in **one** country you have studied. [15]
- 4 (a) (i) Outline the main sources of air pollution. [4]
  - (ii) Briefly explain **three** different ways by which air pollution can be reduced. [6]
  - (b) With the help of one or more examples of a degraded environment, explain why it can be difficult to improve environmental quality. [15]

## Global interdependence

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

- 5 (a) With the help of examples, describe the nature of Fair Trade and explain its role for producers and for consumers. [10]
- (b) 'Receiving aid causes more problems than it solves for LEDCs.' How far do you agree? [15]
- 6 (a) (i) Give **three** reasons for the decline in popularity of traditional 'sun, sand and sea' tourism. [6]
- (ii) Outline **two** types of tourism which have developed recently and give an example of each. [4]
- (b) Fig. 3 shows the ripple effect of tourism.
- With the help of Fig. 3 and one or more examples, evaluate the **economic** impacts of tourism. [15]

## Economic transition

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

- 7 (a) (i) Describe the new international division of labour (NIDL). [4]
- (ii) With the help of one or more examples, explain **three** conditions which attract foreign direct investment (FDI). [6]
- (b) To what extent does the aim of minimising costs explain the spatial organisation of **one** transnational corporation (TNC) that you have studied? [15]
- 8 (a) (i) With the help of one or more examples of regional development, explain what is meant by initial advantage(s). [4]
- (ii) Give the meaning of the term *backwash effects* and explain why they occur. [4]
- (b) Fig. 4 shows the change in the ratio between the richest region and the poorest region of selected MEDCs, 1990–2009.
- With reference to one or more countries you have studied, describe how regional disparities have been tackled and assess the extent to which regional convergence has been achieved. [15]

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