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**GEOGRAPHY**

**9696/33**

Paper 3 Advanced Human Options

**October/November 2016**

**1 hour 30 minutes**

No Additional Materials are required.

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**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.

The Photograph and 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.

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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) Photograph A shows combine harvesters on the prairies in Kansas, USA.
- (i) Identify the **inputs** to the agricultural system shown in Photograph A. [4]
- (ii) Describe and explain the productivity of extensive agriculture. [6]
- (b) 'The greatest obstacle to agricultural change is tradition.'
- With reference to one or more examples of agricultural change, how far do you agree? [15]
- 2 (a) Explain why some manufacturing industry is moving out of urban areas. [10]
- (b) With the help of one or more examples, assess why the management of industrial change can be difficult. [15]

### Environmental management

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

- 3 (a) Fig. 1 shows energy consumption by world region in 2013.
- (i) Describe the **main** features of energy consumption shown in Fig. 1. [5]
- (ii) Suggest reasons for the pattern of coal consumption shown in Fig. 1. [5]
- (b) Assess the advantages and disadvantages of the use of renewable sources of energy. [15]
- 4 (a) (i) Describe the causes of water pollution in rivers and lakes. [5]
- (ii) Explain some of the consequences of water pollution in rivers and lakes. [5]
- (b) 'Finance is the key to effective environmental protection.'
- With reference to one or more examples, how far do you agree? [15]

### Global interdependence

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

- 5 (a) Use examples to explain how resource endowment and locational advantage affect trade. [10]
- (b) 'Trade is better than aid.'
- With reference to one or more LEDCs, how far do you agree? [15]
- 6 (a) (i) Describe how the seasonal nature of tourism can affect tourist destinations. [5]
- (ii) With the help of one or more examples, briefly explain **two** ways that tourist destinations attempt to manage seasonal demand. [5]
- (b) Fig. 2 shows a spiral of decline in an established tourist area or resort.
- Assess the usefulness of Fig. 2 in understanding the experience of one or more tourist destinations. [15]

### Economic transition

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

- 7 (a) (i) Define the secondary sector of the economy. [2]
- (ii) Explain **two** benefits of, and **two** problems caused by, economic development based on the secondary sector. [8]
- (b) To what extent can the emergence and growth of one or more NICs be explained by its cheap labour? [15]
- 8 (a) Fig. 3 shows one index of wellbeing for India, an NIC in Asia, by district, in 2013.
- (i) Describe the pattern of wellbeing shown in Fig. 3. [4]
- (ii) Give **three** reasons why measuring wellbeing can be difficult. [6]
- (b) With reference to one or more countries, assess the view that regional disparities cannot be overcome. [15]

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