



General Certificate of Secondary Education  
2012

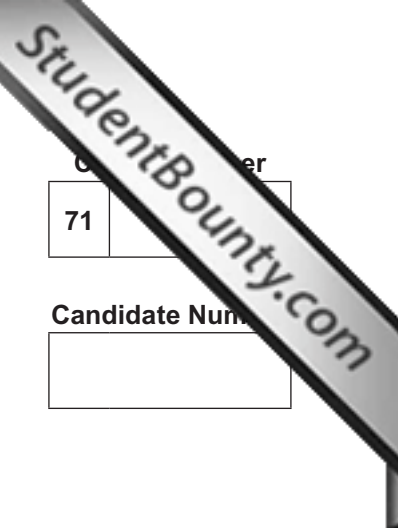
## Geography

Unit 2: Living in Our World

Higher Tier

[GGG22]

MONDAY 18 JUNE, MORNING



Centre Number  
71

Candidate Number

### TIME

1 hour 30 minutes.

### INSTRUCTIONS TO CANDIDATES

Write your Centre Number and Candidate Number in the spaces provided at the top of this page.  
Write your answers in the spaces provided in this question paper.  
Answer **all** questions.

### INFORMATION FOR CANDIDATES

The total mark for this paper is 100.  
Figures in brackets printed down the right-hand side of pages indicate the marks awarded to each question or part question.  
Quality of written communication will be assessed in questions **1(b)**, **1(h)(ii)** and **2(c)(ii)**.

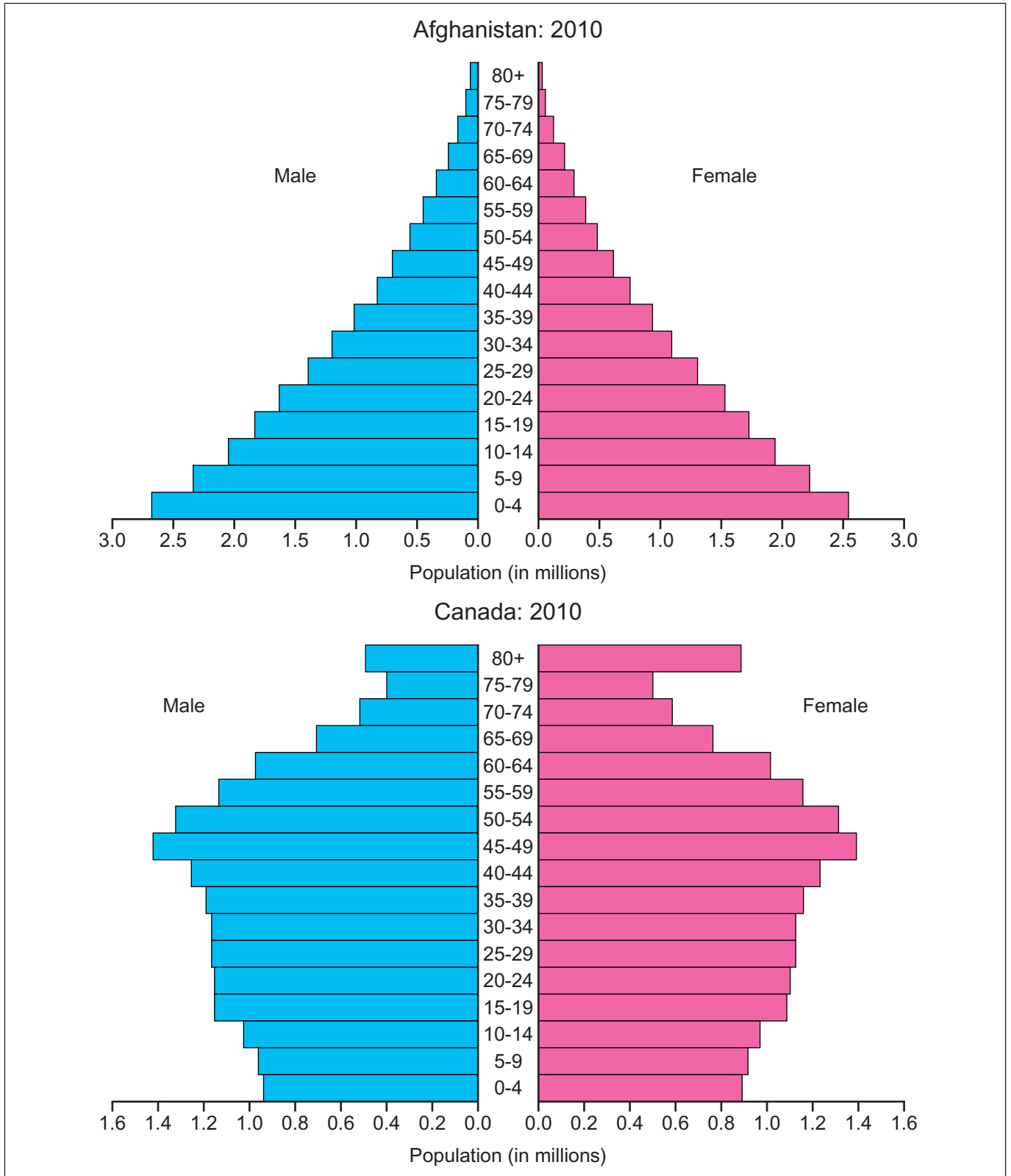


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For Examiner's use only	
Question Number	Marks
1	
2	
3	
<b>Total Marks</b>	

## Theme A: People and Where they Live

1 (a) Study Fig. 1 which shows population pyramids. Answer the questions which follow.



© Rapid Intelligence <http://www.nationmaster.com/country/in-afghanistan/Age-distribution>  
[http://www.nationmaster.com/country/ca-canada/Age\\_distribution](http://www.nationmaster.com/country/ca-canada/Age_distribution)

**Fig. 1**

(i) How many people are aged 0–4 in Canada? Underline your answer from the list below.

5.3 million      1.85 million      0.9 million      [1]

(ii) Describe **two** differences in the shapes of the population pyramids in Fig. 1.

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[4]

Examiner Only	
Marks	Remark

(b) Aged dependents are over 65 years old. Explain **two** problems of having a large aged dependency in a country.

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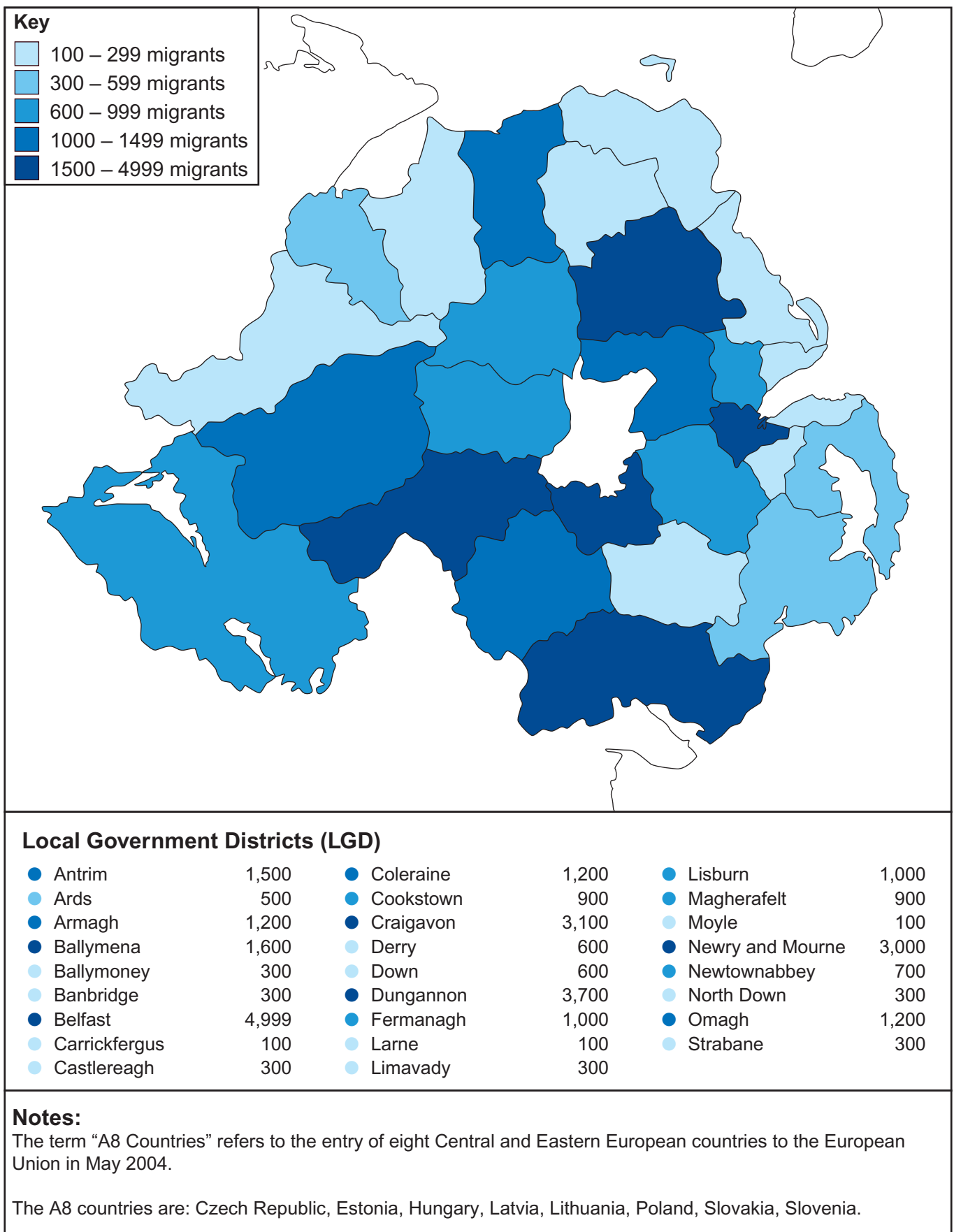
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[6]

Examiner Only	
Marks	Remark

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**(Questions continue overleaf)**

(c) Study Fig. 2 which shows migrants from the A8 countries to Northern Ireland. Answer the questions which follow.



© Crown copyright

Fig. 2

(i) State the meaning of the term **migration**.

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[2]

(ii) Name the LGD area of Northern Ireland with the most migrants.

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[1]

(iii) Name the type of mapping technique used to draw **Fig. 2**.

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[1]

(iv) Explain **one** problem of displaying the migrants as a raw number in each local Government District.

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[2]

(v) Suggest **two** impacts which international migration could have on an area.

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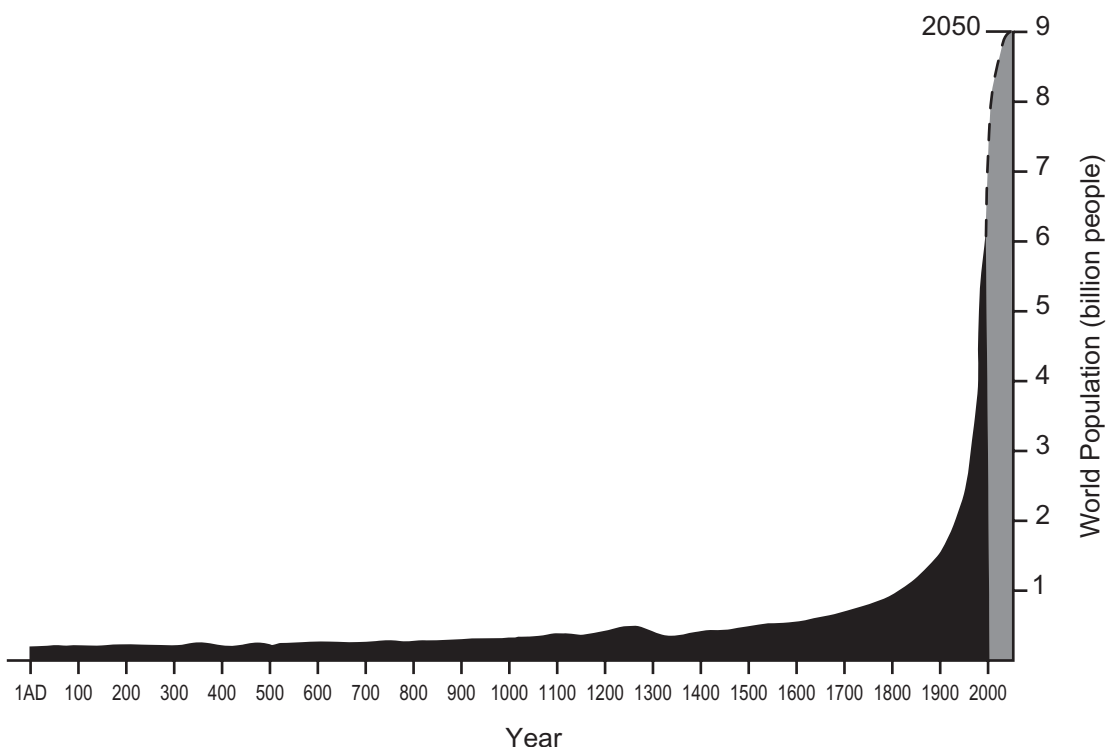
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[2]

Examiner Only	
Marks	Remark

(d) Study **Fig. 3** which shows world population change from 1AD – 2000AD. Answer the question which follows.



© Geography GCSE by Anna King (OUP, 2006), reproduced by permission of Oxford University Press

**Fig. 3**

Describe and explain the change in world population over time as shown in **Fig. 3**.

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[5]

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(e) Every settlement has a type of site. Describe **one** advantage of a wet point site.

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[2]

(f) Explain why cities offer high order services.

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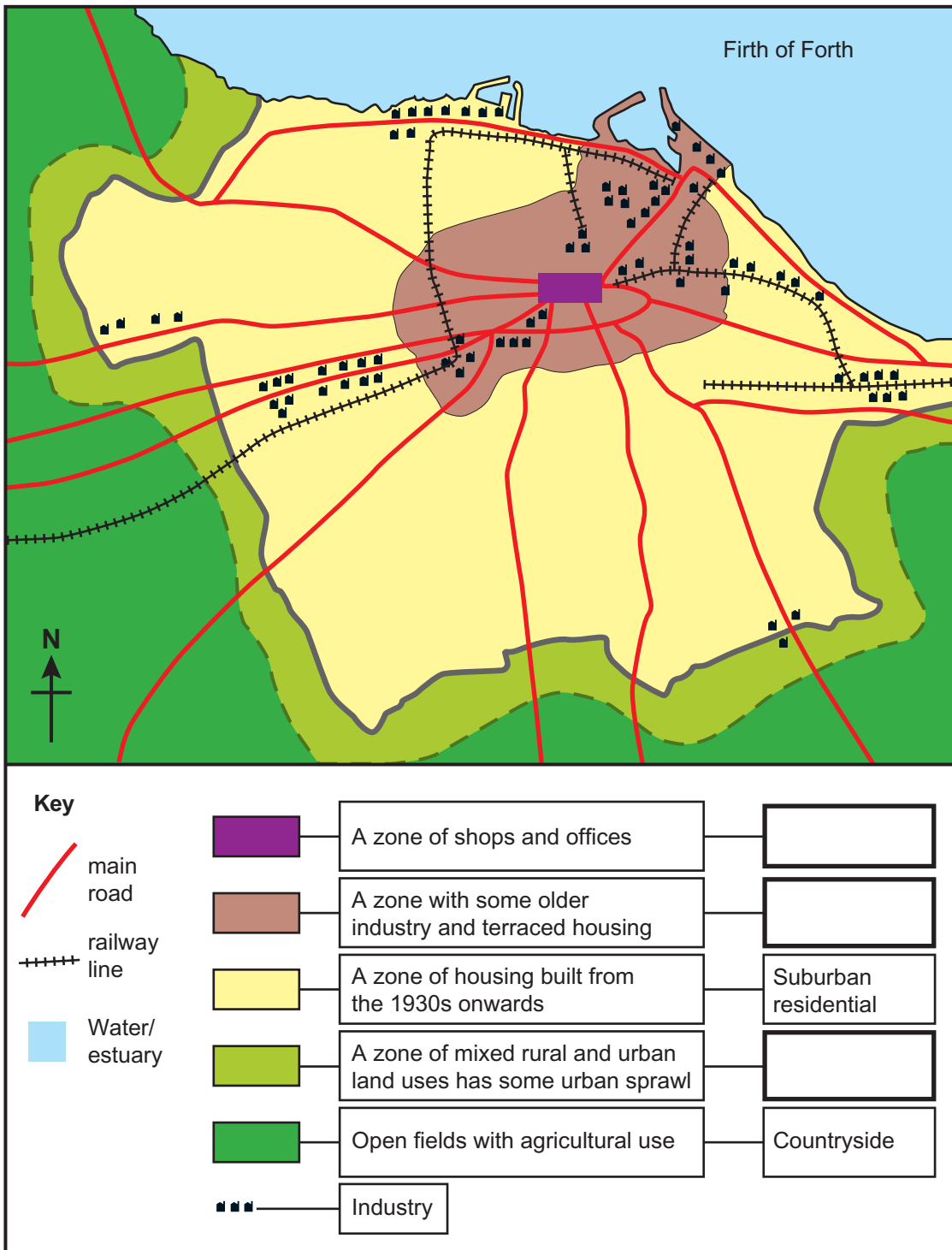
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[4]

Examiner Only	
Marks	Remark

(g) Study Fig. 4 which shows a land use map of Edinburgh. Answer the questions below.

Examiner Only	
Marks	Remark



Source: examiner

Fig. 4

(i) Complete the key to the land use sketch map of Edinburgh (Fig. 4) by adding the correct land use zone onto the key. Choose your answers from the list below.

Entertainment    CBD    Rural-urban fringe    Inner City    [3]

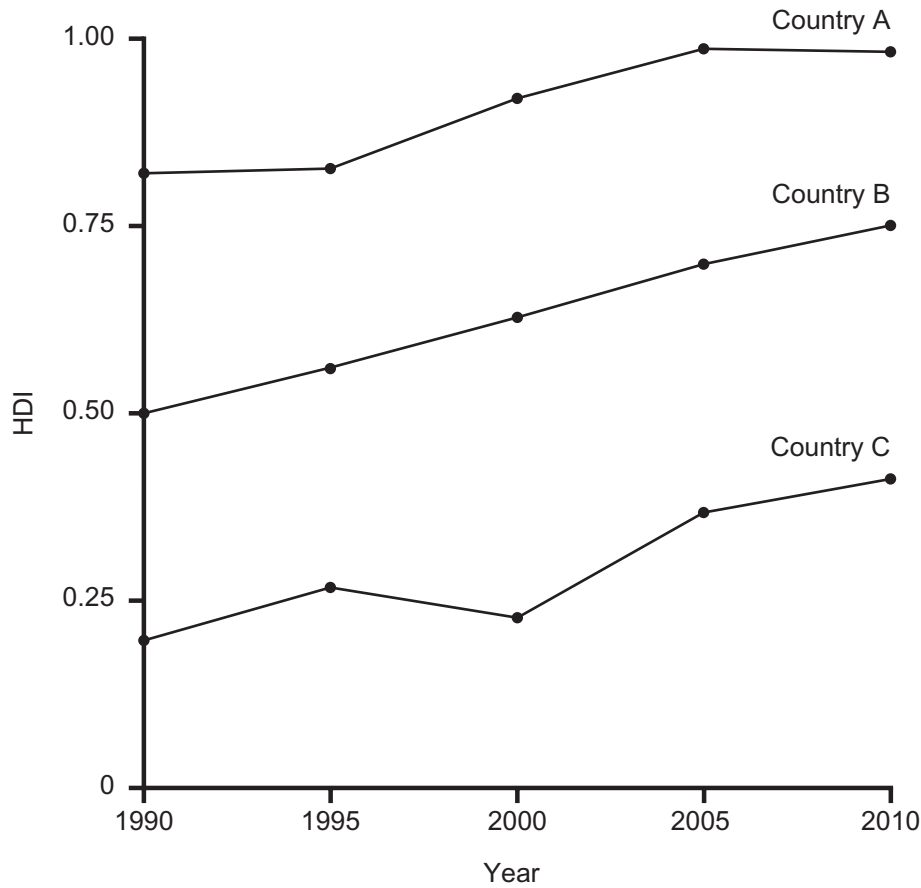




## Theme B: Contrasts in World Development

Examiner Only	
Marks	Remark

- 2 (a) Study **Fig. 5** which shows how the HDI changes through time for a number of countries. Answer the questions which follow.



© 2010 Human Development Report, United Nations Development Programme

**Fig. 5**

- (i) What does **HDI** stand for?

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[2]

- (ii) Using **Fig. 5**, state which country is most likely to be a LEDC.

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[1]

- (iii) State the meaning of the term **development**.

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[2]

(iv) Explain how the HDI score indicates the level of development of a country.

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[4]

Examiner Only	
Marks	Remark

- (b)** Study **Fig. 6** which shows how the continent of Africa was once ruled by various countries in 1914. Answer the questions which follow.

Examiner Only	
Marks	Remark

**Fig. 6**

- (i)** Name the country which once ruled Kenya.

\_\_\_\_\_ [1]

- (ii)** State the number of Independent countries in Africa in 1914.

\_\_\_\_\_ [1]

**(iii)** Explain how historical factors can hinder development in LEDCs.  
You should mention places in your answer.

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[6]

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(c) Study **Fig. 7** which shows how an aid organisation spends its donations. Answer the questions which follow.

Examiner Only	
Marks	Remark



Imagine living under plastic sheeting after being evicted from your land and having no hope of owning another home. This is the reality for over 3,000 people in a community in northern Honduras. Your gift will help to provide the training and materials required to build a new home. Each home will give shelter during the rainy season and a safe place for families to live.

© Trocaire

**Fig. 7**

(i) State the type of aid which is shown on **Fig. 7**. Underline the correct answer from the list below.

- Tied**                      **Multilateral**                      **Voluntary**                      [1]




Examiner Only	
Marks	Remark

3 (a) Study **Fig. 8** which shows how two Council areas are dealing with waste in a sustainable manner. Answer the questions which follow.

**Waste to be turned into power in Co. Tyrone.**

- Tullyvar Landfill Site outside Ballygawley, Co. Tyrone, is jointly owned by Dungannon and Omagh Councils.
- The Councils have embraced the concept of renewable and sustainable energy by utilising methane gas given off from landfill waste.
- Using landfill gas to generate electricity is a very effective form of recycling. The project will use some 5000 tonnes/year of gas produced from landfill. The project will produce enough electricity for the equivalent of 800 homes.



© Hemera / Thinkstock

Source: Adapted from Tyrone Courier June 2010

**Fig. 8**

(i) Name the gas that is used to generate electricity in **Fig. 8**.

\_\_\_\_\_ [1]

(ii) State the meaning of the term **landfill site**.

\_\_\_\_\_  
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 \_\_\_\_\_  
 \_\_\_\_\_ [2]



(c) Study **Fig. 9** which shows an article about holidays taken by pensioners. Answer the questions which follow.

Examiner Only	
Marks	Remark

### Forever Young Pensioners Taking More Long-haul Holidays

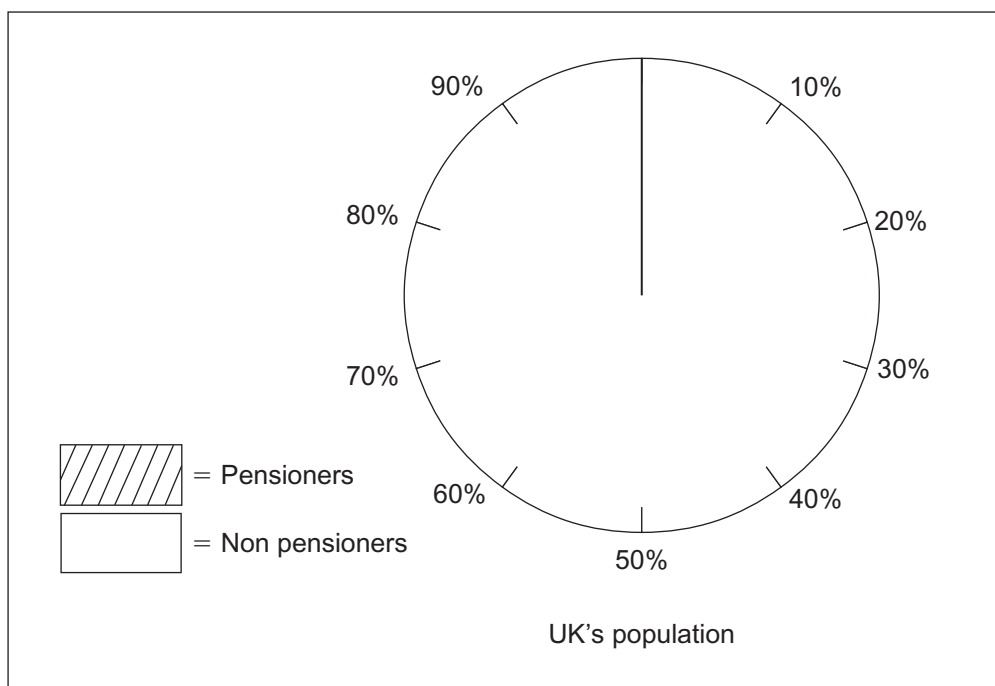


- There are nearly 12 million pensioners, almost 1 in 5 (20%) of the UK's total population.
- Older people holiday more widely for example more than 121,000 trips of 3–6 months were taken by adults over 65.
- 25 per cent (one in four) of households with one or more adults over 65 have over £20,000 in savings.
- Life expectancy figures are 81.5 years for women and 77.3 years for men.

**Fig. 9**

© Monkey Business / Thinkstock

(i) Using information given in **Fig. 9**, complete **Fig. 10** to show the percentage of pensioners in the UK. [2]



**Fig. 10**

(ii) Explain why pensioners are contributing to the growth in tourism since the 1960s.

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[3]

(iii) State the meaning of the term **ecotourism**.

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[2]

Examiner Only	
Marks	Remark

(d) Evaluate the measures taken to manage traffic in a sustainable manner, using one case study of a city within the European Union (excluding the British Isles).

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[7]

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**THIS IS THE END OF THE QUESTION PAPER**

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Marks	Remark

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