



Centre Number

71

Candidate Number

General Certificate of Secondary Education
2012

Geography

Unit 2: Living in Our World

Higher Tier

[GGG22]



MONDAY 18 JUNE, MORNING

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

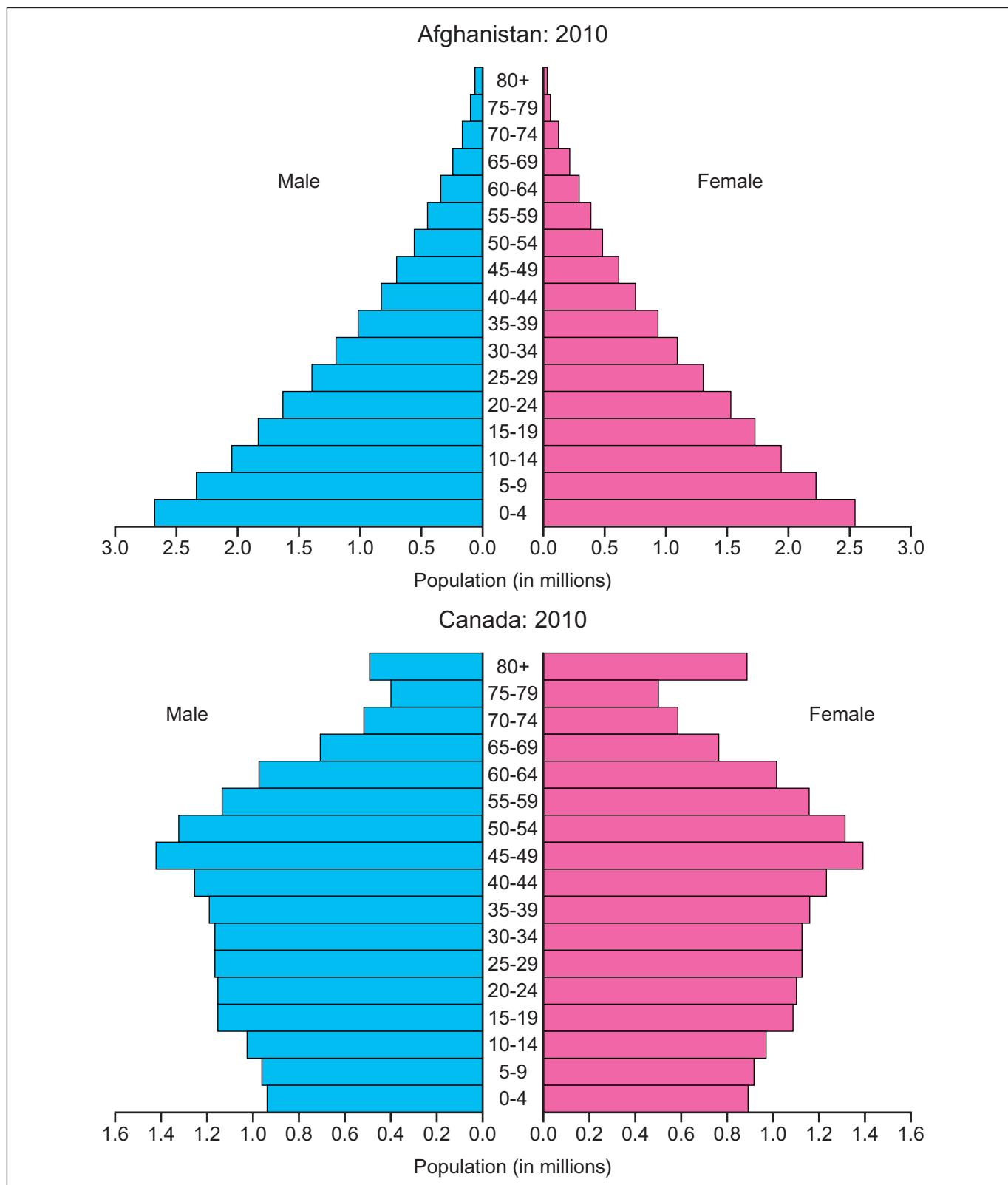
The total mark for this paper is 100.

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).

For Examiner's use only	
Question Number	Marks
1	
2	
3	
Total Marks	

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

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**.

[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.

[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.

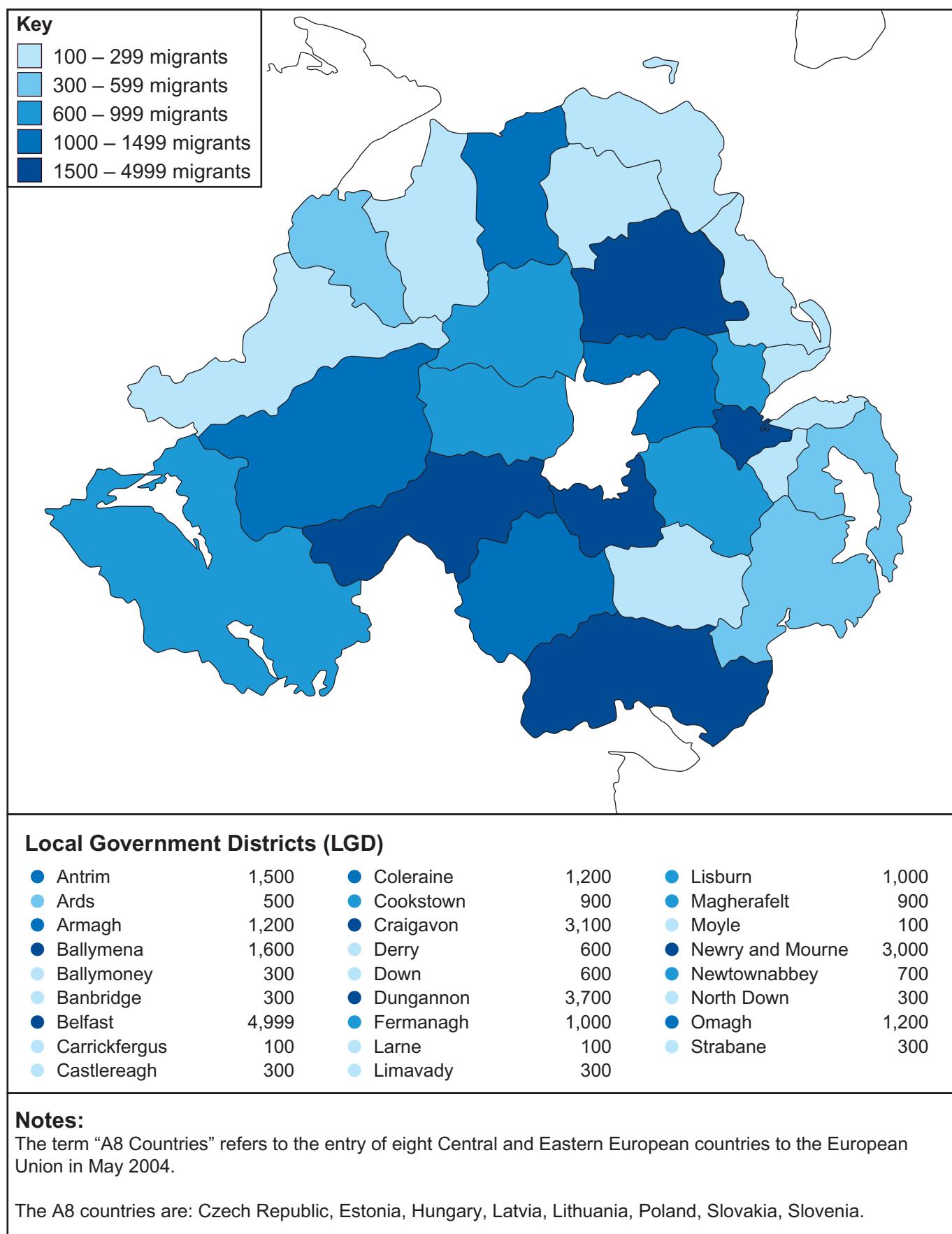


Fig. 2

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

[2]

Examiner Only

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

[1]

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

[1]

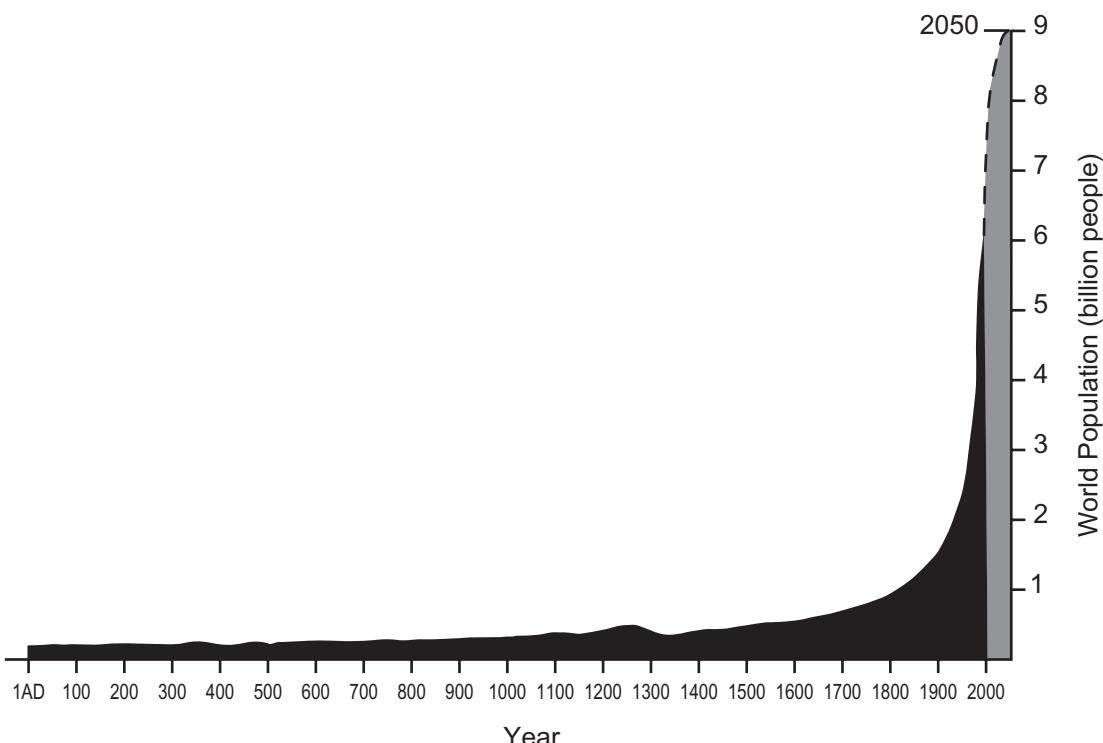
(iv) Explain **one** problem of displaying the migrants as a raw number in each local Government District.

[2]

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

[2]

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

[5]

Examiner Only	
Marks	Remark

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

[2]

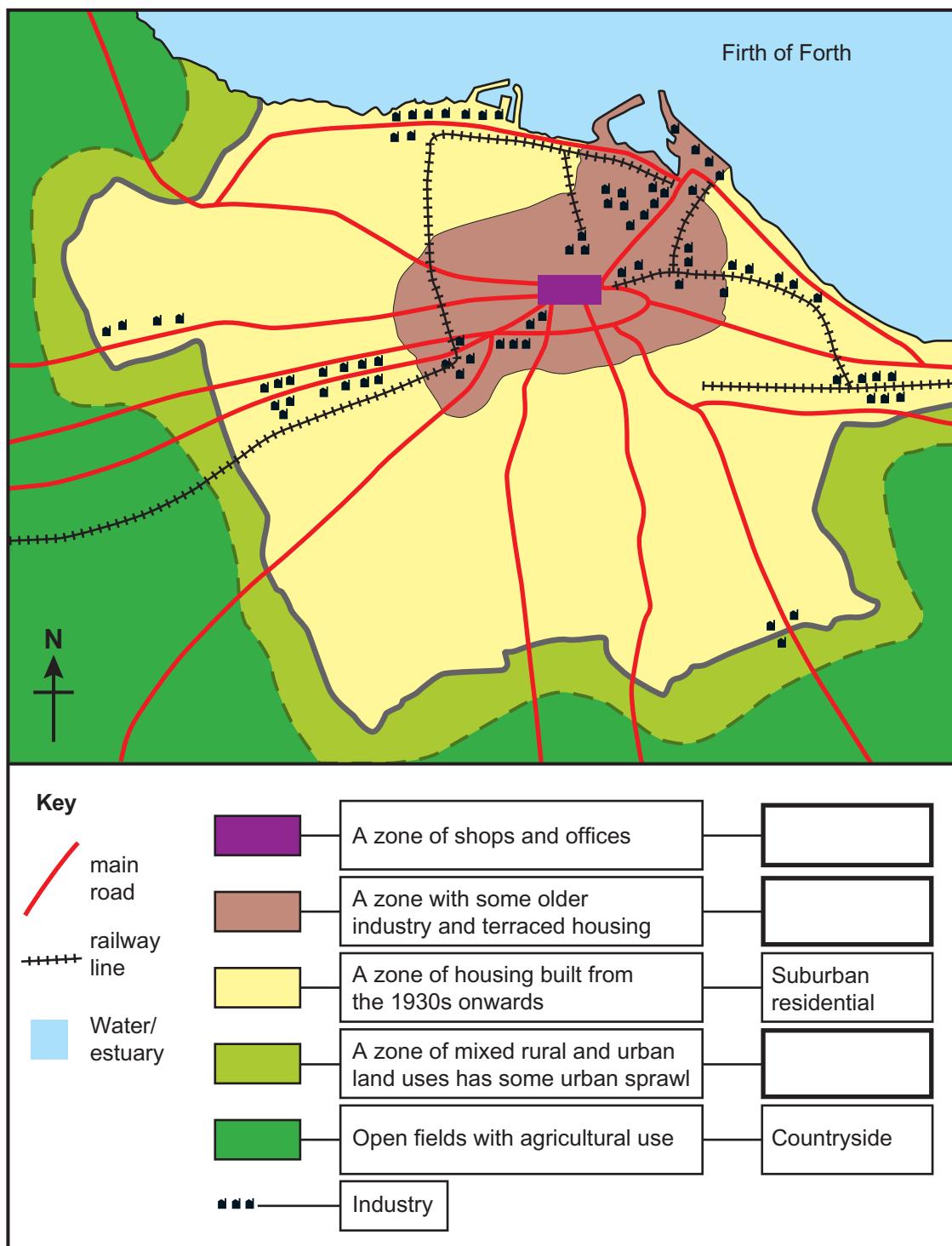
(f) Explain why cities offer high order services.

[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]

(ii) Using **Fig. 4**, describe the location of industry within Edinburgh

[3]

(iii) State the meaning of the term **urban sprawl**.

[2]

(h) (i) Urbanisation is an increase in the percentage of people living in urban areas. Explain **two** causes of urbanisation.

[4]

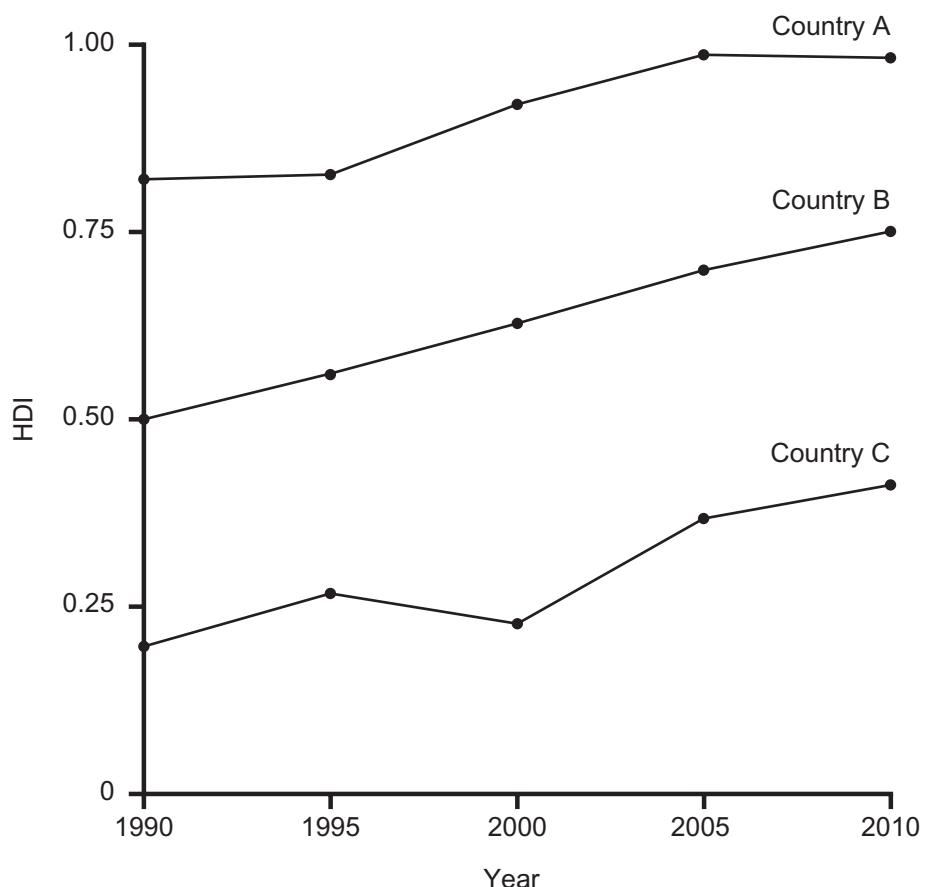
Examiner Only	
Marks	Remark

(ii) For a named MEDC city, explain how a planning scheme has improved the inner city area and assess to what extent the scheme is sustainable.

Examiner Only	
Marks	Remark

Theme B: Contrasts in World Development

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?

[2]

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

[1]

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

[2]

Examiner Only	
Marks	Remark

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

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.

[6]

Examiner Only	
Marks	Remark

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

Examiner Only	
Marks	Remark



£175
House
Honduras



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.



Honduras

© 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]

(ii) Evaluate how aid can both bring benefits and problems to LEDCs. You should mention places in your answer.

[7]

Examiner Only	
Marks	Remark

Theme C: Managing Our Resources

Examiner Only

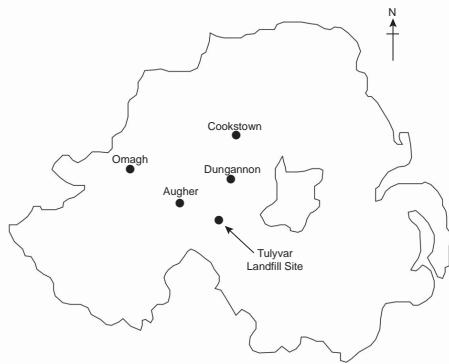
Marks

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**.

[2]

(iii) Explain **one** health concern of a landfill site.

[3]

Examiner Only	
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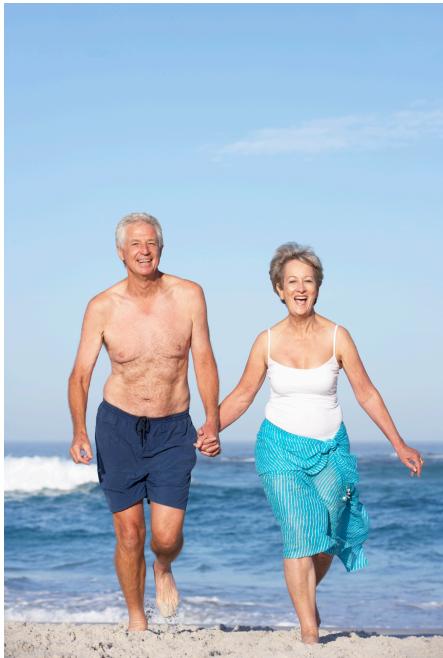
(b) Explain why a range of sustainable waste management methods is required in a local government district you have studied.

[5]

(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.

© Monkey Business / Thinkstock

Fig. 9

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

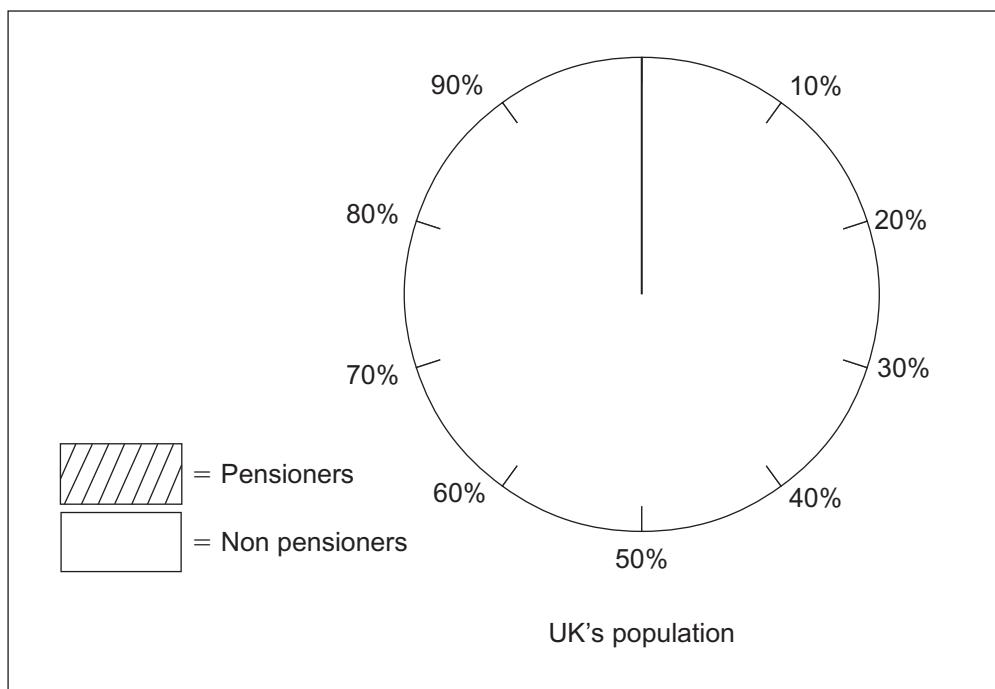


Fig. 10

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

[3]

Examiner Only

Marks

Remark

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

[2]

(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).

[7]

Examiner Only	
Marks	Remark

THIS IS THE END OF THE QUESTION PAPER

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