



Rewarding Learning

General Certificate of Secondary Education
2012

Geography

Unit 2: Living in Our World

Foundation Tier

[GGG21]

MONDAY 18 JUNE, MORNING

StudentBounty.com

Centre

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)**, **2(b)(iii)** and **2(c)(iv)**.

For Examiner's use only

Question Number	Marks
1	
2	
3	

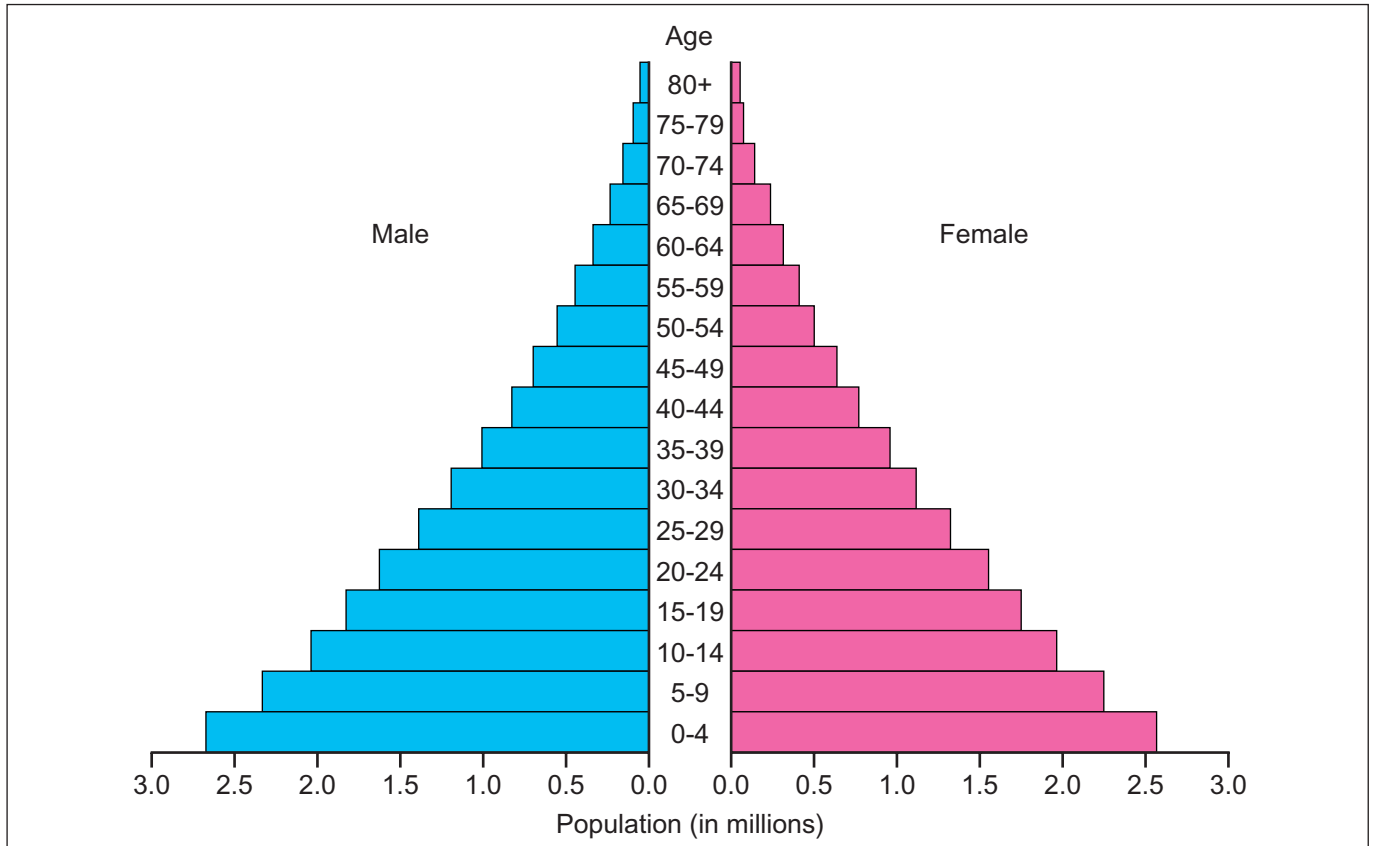
Total Marks	
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Theme A: People and Where they Live

- 1 (a) Study **Fig. 1** which shows a population pyramid for Afghanistan in 2010. Answer the questions which follow.



© Rapid Intelligence <http://www.nationmaster.com/country/in-afghanistan/Age-distribution>

Fig. 1

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

5.3 million 1.85 million 0.9 million [1]

- (ii) Look at the following statements about **Fig. 1**. Write **True** or **False** beside each statement.

Afghanistan's population has many more females than

males. _____

There is a high aged dependency in Afghanistan. _____

This pyramid is typical of a LEDC. _____

This pyramid shows evidence of lots of migrants leaving

Afghanistan. _____

[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.

1. _____

2. _____

_____ [6]

Examiner Only	
Marks	Remark

(c) Study **Fig. 2** which shows the number of migrants from Eastern European countries in local Government Districts of Northern Ireland. Answer the questions which follow.

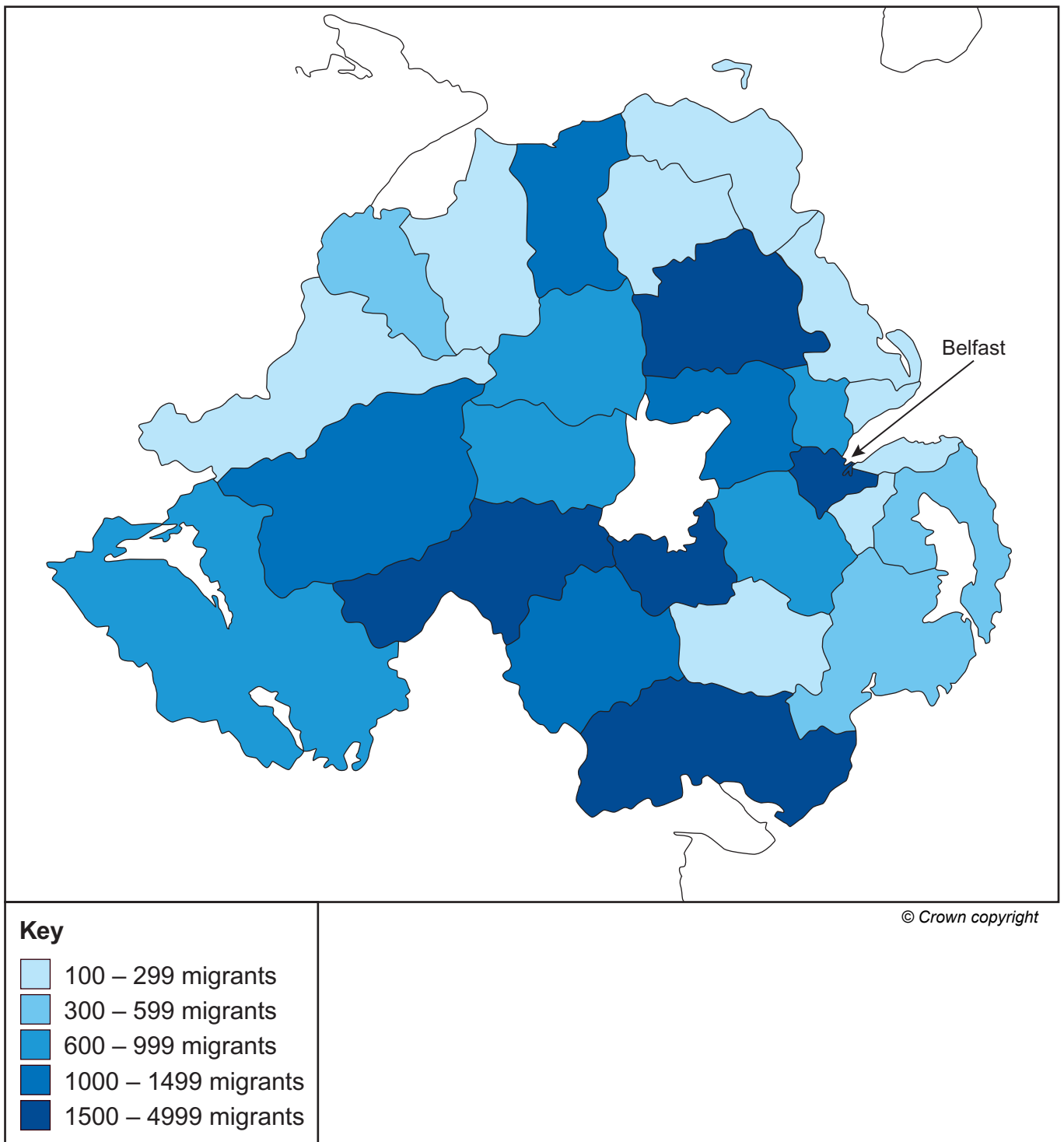


Fig. 2

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

[2]

(ii) Explain why you need a key to understand the pattern of migrants shown on **Fig. 2**.

[2]

(iii) Underline the type of map shown in **Fig. 2**. Choose your answer from the list below.

Multicolouring Density shading Contour colouring [1]


(iv) Underline the category which shows the number of Eastern European migrants in Belfast.

100–299 600–999 1500–4999 [1]

Examiner Only	
Marks	Remark

- (v) Complete **Table 1** by drawing arrows to classify the following impacts of migration to Northern Ireland as negative or positive. One example has been completed for you.

Table 1

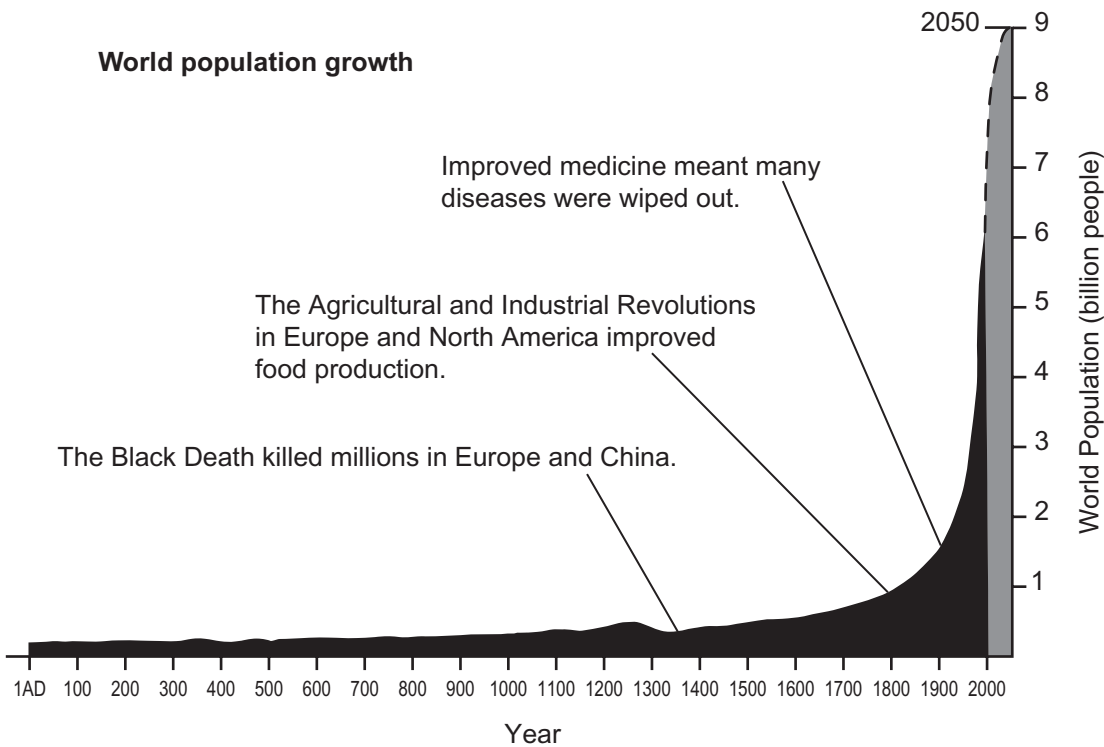
Negative	Impacts	Positive
	Migrants can fill gaps in the skilled labour market.	
	Migrants willing to do low paid work. 	
	Opportunities for local people to learn new languages.	
	Migrants pay taxes to the government.	
	Might cause a rise in crime rates in the area.	
	Migrants put pressure on local services like schools.	

[5]

Examiner Only	
Marks	Remark

(d) Study **Fig. 3** which shows world population growth. Answer the question which follows.

Examiner Only	
Marks	Remark



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

Fig. 3

Complete the paragraph about **Fig. 3** using the correct terms from the box below.

1	food	medicine	0.3	Black Death	9
---	------	----------	-----	-------------	---

Fig. 3 shows how world population has grown from _____ billion people in 1 AD to just over 6 billion people in 2000. There is a slight fall in population size in 1350 as the _____ killed millions of people. In 1800 better _____ production helped support an increase in world population size. It is estimated that by 2050 the world will have _____ billion people. [4]

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

[2]

(f) State fully **one** reason why a city offers high order services.

[3]

(g) Study **Fig. 4** which shows the suburbs of a city. Answer the questions which follow.



© Iowa Geological & Water Survey

Fig. 4

Examiner Only	
Marks	Remark

(i) What type of land use is shown in the photograph? Underline the correct answer.

Entertainment Housing Retail Industry [1]

(ii) Using **Fig. 4** to help you, describe the suburbs of a city.

[3]

(iii) Write **one** statement to describe the location of the suburbs within a city.

[1]

(iv) Describe **one** disadvantage of living in the suburbs.

[2]

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

[2]

Examiner Only	
Marks	Remark

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

[4]

(ii) For a named MEDC city, explain **one** way a planning scheme has improved the inner city area and briefly state how sustainable the scheme has been.

Name of city.

[1]

One improvement made to the inner city area.

[3]

How sustainable the scheme has been.

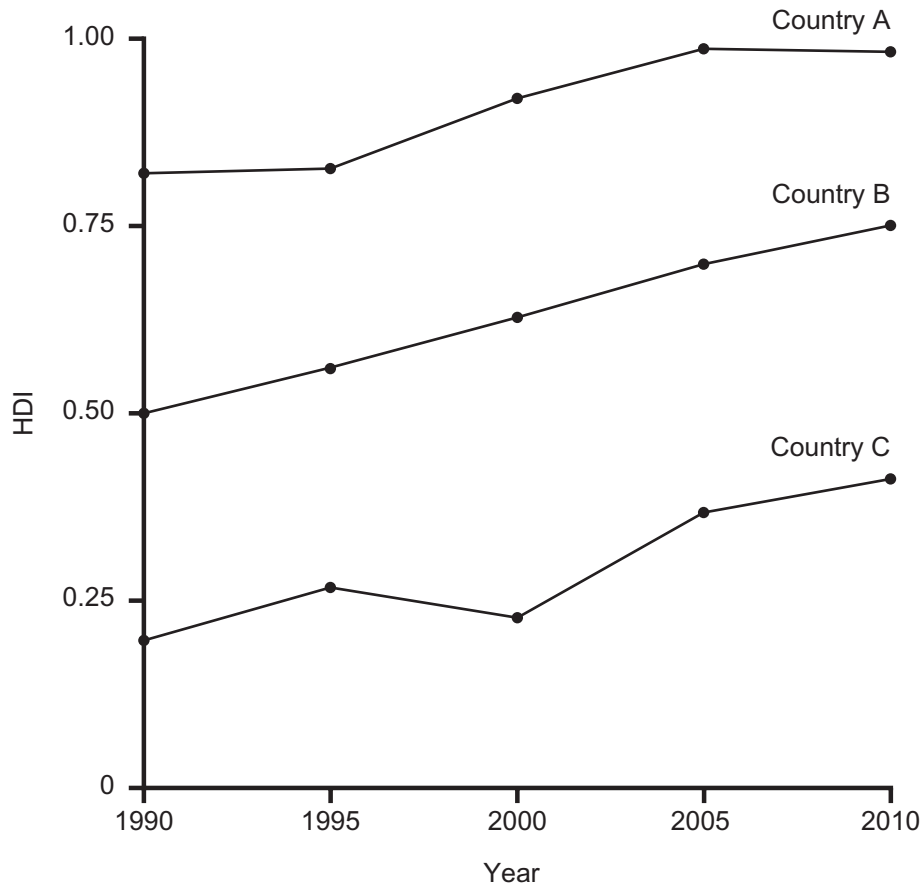
[2]

Examiner Only	
Marks	Remark

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? Complete the term below

Human Development I _____ [1]

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

_____ [1]

- (iii) Complete the following sentences by underlining the correct term. One has been completed for you

- Countries with a low HDI are **MEDCs** / LEDCs.
- A MEDC would have a HDI close to **1 / 100**.
- Social indicators relate to the **welfare** / **wealth** of people. [2]

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

[2]

Examiner Only	
Marks	Remark

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(Questions continue overleaf)

- (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) Using **Fig. 6** to help you, complete **Table 2**. One has been completed for you.

Table 2

Country	Country which ruled it in 1914
KENYA	BRITAIN
NAMIBIA	
SOMALIA	
	FRANCE

[3]

(ii) State the number of independent countries in Africa in 1914.

_____ [1]

(iii) Explain how each of the following **two** factors hinder development in LEDCs. You should refer to places in your answer.

1. Historical factors

2. Debt

[6]

Examiner Only

Marks

Remark

(c) Study **Fig. 7** which shows how aid is spent by Trocaire in Honduras. Answer the questions which follow.

Examiner Only	
Marks	Remark





£175
House
Honduras

Your gift will help to provide the training and materials required to build a new home. Each home will give shelter from 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
Voluntary
Multilateral
[1]

(ii) Is this **long** term or **short** term aid? _____ [1]

(iii) Choose the correct definition of **bilateral aid**. Underline the correct answer.

- Aid with conditions attached.
- Aid given between countries.
- Charity donations

[1]

(iv) Explain **two** ways in which aid can cause problems for a LEDC.

Problem 1 _____

Problem 2 _____

_____ [6]

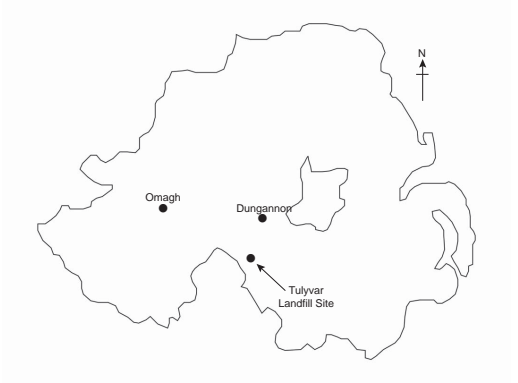
Examiner Only	
Marks	Remark

Theme C: Managing Our Resources

- 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.

- Tullyvar Landfill Site in Co. Tyrone, is owned by Dungannon and Omagh Councils.
- The Councils have embraced the concept of sustainable energy by using methane gas given off from landfill waste.
- The landfill gas is used to produce electricity.
- 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.



The map shows the outline of County Tyrone. Three locations are marked with dots: Omagh in the west, Dungannon in the center, and Tullyvar Landfill Site in the south-east. A north arrow is located in the top right corner of the map area.

© 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) Using **Fig. 8** state the name of the county in which Tullyvar Landfill Site is located. Underline the correct answer from the list.

Fermanagh Armagh Tyrone [1]

Examiner Only	
Marks	Remark

(iii) Using **Fig. 8**, explain **one** benefit of this method of dealing with waste.

[3]

(iv) Name **one** other way to sustainably deal with waste. (Do not use recycling.)

[1]

(v) Complete **Table 3** to show if each statement has an impact on **health** or the **environment**. Place a ✓ in the correct column. One has been completed for you.

Table 3

Statement	Impact on the Environment	Impact on Health
Waste attracts rats which carry disease which may affect people.		
Chemicals in waste may leak into the ground poisoning wildlife.	✓	
Landfills leave a scar in the landscape, they are unsightly.		
Unpleasant smells from landfills can cause eye irritation.		

[3]

Examiner Only	
Marks	Remark

(b) 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



- **20%** of the UK's population is made up of pensioners.
- **25%** of households with one or more adults **over 65** have over **£20,000** in savings.
- Older people take longer holidays usually of 3–6 months.
- 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]

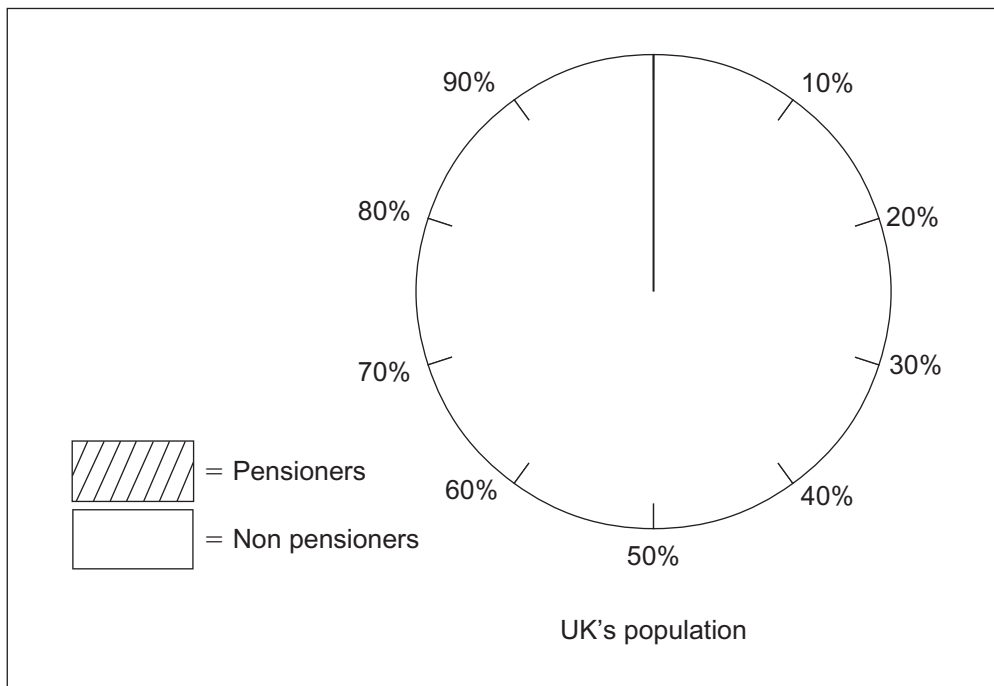


Fig. 10

(ii) Using **Fig. 9**, underline the correct statement in relation to pensioners taking holidays.

- a. Pensioners are taking **more / fewer** long haul flights
- b. Women live **longer / shorter** than men.
- c. A pensioner is a person who has reached the age of **50 / 65**.

[3]

(iii) Using evidence from **Fig. 9**, explain why pensioners are contributing to the growth in tourism since the 1960s.

[3]

(iv) Explain **one** economic impact that the growth in tourism may have in an area.

[3]

Examiner Only

Marks	Remark

(c) Traffic in cities is increasing. Using **one** case study of a city within the European Union (excluding the British Isles) describe **two** measures used to manage traffic.

Name of city _____ [1]

Measure 1 _____

Measure 2 _____

_____ [4]

Examiner Only	
Marks	Remark

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