

New  
Specification

General Certificate of Secondary Education  
2018

Centre Number

--	--	--	--	--

Candidate Number

--	--	--	--

# Geography

Unit 2

Living in Our World

**[GGY21]****\*GGY21\*****WEDNESDAY 30 MAY, AFTERNOON****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.

**You must answer the questions in the spaces provided.**

**Do not write outside the boxed area on each page or on blank pages.**

Complete in black ink only. **Do not write with a gel pen.**

Answer **all four** 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.

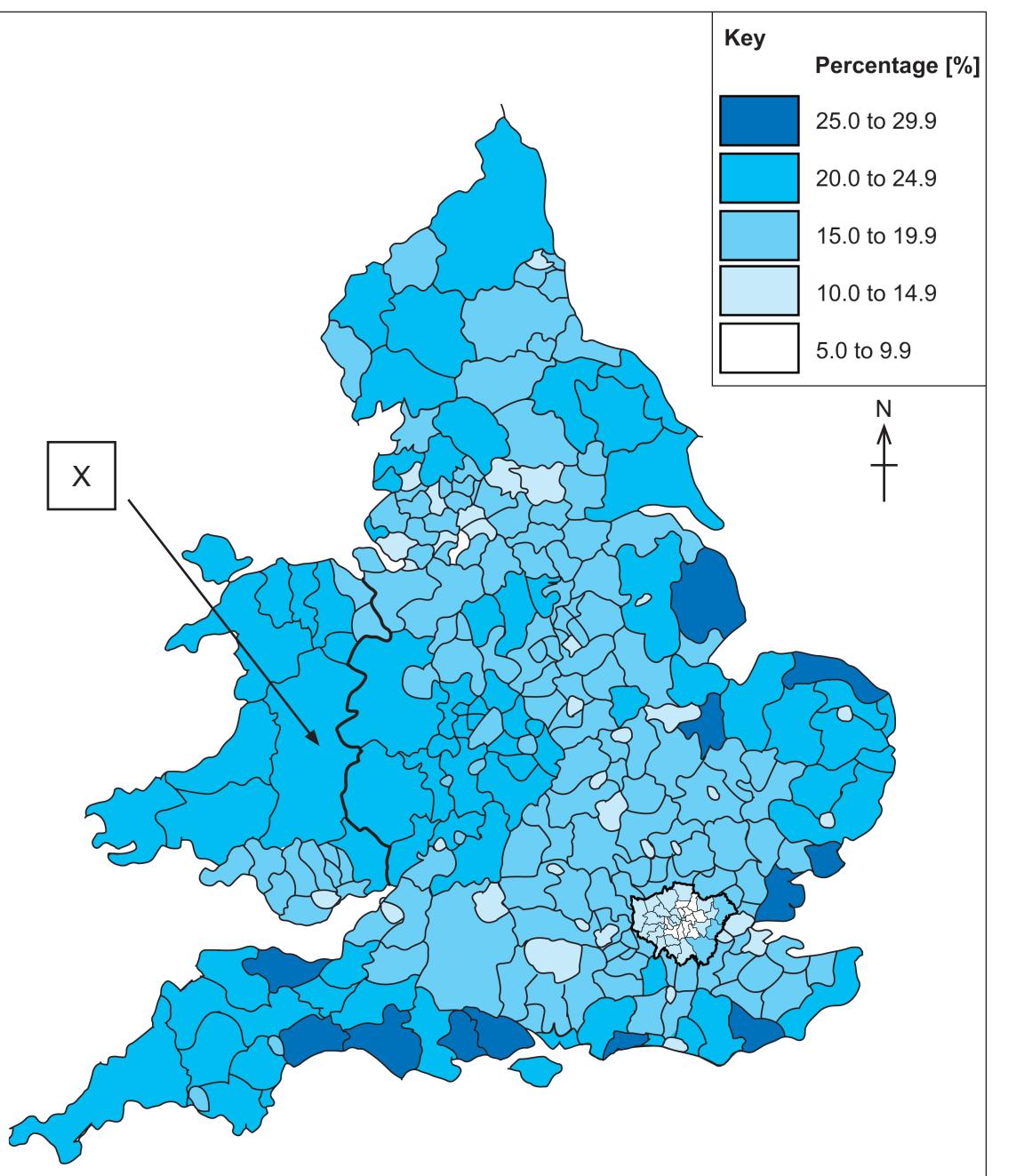
Quality of written communication will be assessed in questions 1(c)(iii), 2(c) and 3(d).

11531

**\*32GGY2101\***

## Theme A: Population and Migration

1 (a) Study **Fig. 1** which shows the distribution of people aged over 65 years in England and Wales. Answer the questions which follow.



**Fig. 1**



(i) Indicate the type of map shown in **Fig. 1** by placing a tick in the correct box below.

Sketch map	<input type="checkbox"/>
Choropleth map	<input type="checkbox"/>

[1]

(ii) State the percentage of population aged over 65 years in England and Wales in location X.

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

(iii) The highest percentage of population aged over 65 years in England and Wales is 25.0 to 29.9%.

Outline the location of these areas.

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

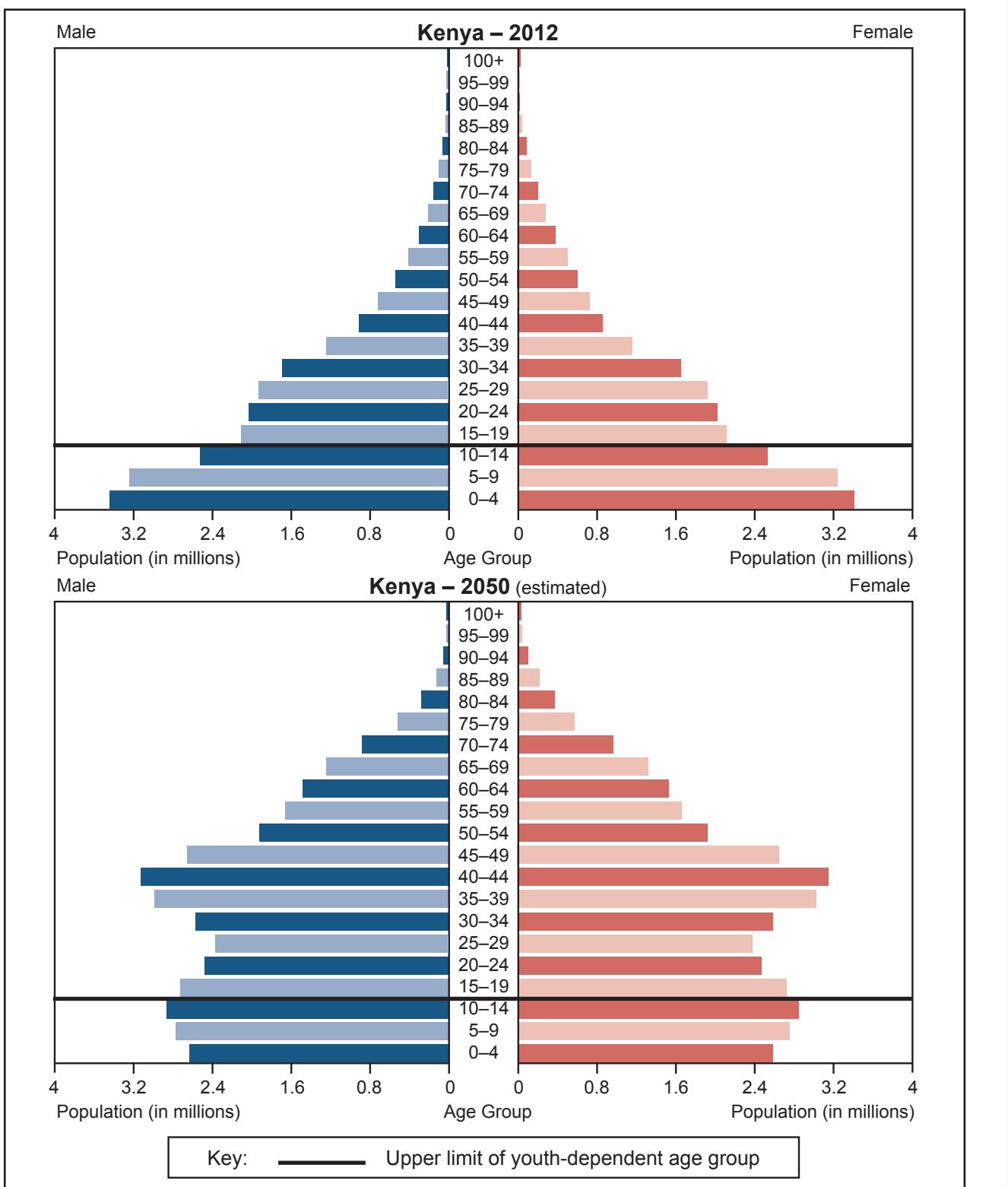
(iv) Explain **one** possible implication of having a large aged-dependent population.

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_ [3]

**[Turn over**



(b) Study **Fig. 2** which shows two population pyramids for Kenya, a LEDC in East Africa. Answer the questions which follow.



Source: [www.census.gov](http://www.census.gov) - Public Domain

**Fig. 2**



(i) On **Fig. 2** for Kenya in 2012, draw a horizontal line to show the lower limit of the aged-dependent population. [1]

(ii) Underline the correct answer to show the total of the youth-dependent population in Kenya in 2050.

16 million                    30 million                    50 million                    [1]

(iii) Describe and explain **two** changes in the shape of the population pyramid for Kenya from 2012 to 2050. Refer to changes in birth and death rates in your answer.

---



---



---



---



---



---



---



---



---



---



---



---



---



---



---



---



---



---

[6]

Extra space:

---



---



---



---



---

**[Turn over**



(c) (i) State the meaning of the term **emigration**.

---



---



---



---

[2]

(ii) There are often barriers to people migrating. Complete **Fig. 3** by adding another example of a human and a physical barrier to migration.

Examples of human barriers to migration	Examples of physical barriers to migration
	
Need for a visa	Mountains

© c-George / iStock / Thinkstock  
 © MattRied / iStock / Thinkstock

[2]

**Fig. 3**



(iii) Explain the challenges faced by both refugees and the destination country, using one case study of migration.

Name of country and refugee group

---

Challenges faced \_\_\_\_\_

---

---

---

---

---

---

---

---

---

---

---

[6]

Extra space:

---

---

---

**[Turn over**



## Theme B: Changing Urban Areas

2 (a) Study **Photograph 1** which shows housing in an area of a MEDC city. Answer the questions which follow.



Akabei / iStock / Thinkstock

## photograph 1

(i) Underline the zone of land use where this type of housing is usually located.

## Suburbs

CBD

## Inner City

1

(ii) Explain the location of this type of land use in a MEDC city.

---

---

---

---

11531



**BLANK PAGE**

**DO NOT WRITE ON THIS PAGE**

**(Questions continue overleaf)**

**[Turn over**

11531



**\*32GGY2109\***

(b) Study **Fig. 4** which gives information about traffic congestion in European and North American cities. Answer the questions which follow.

## THE WORST TRAFFIC CONGESTION IN EUROPE AND NORTH AMERICA



**In Los Angeles  
drivers spend  
64.3 hours per year  
in traffic**

**Drivers in London  
spend  
83.4 hours a year  
in traffic**

© JohnnyH5 / iStock / Thinkstock

**Fig. 4**

(i) Describe **two** problems resulting from traffic congestion which are facing many inner city areas of MEDCs.

1. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

2. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

[4]



(ii) Outline **one** issue relating to public transport in inner city areas of MEDC cities.

[3]

[Turn over

1



\*32GGY2111

(c) Name **one** urban planning scheme you have studied and evaluate how it has regenerated and improved the housing **and** employment opportunities in the inner city zone of the city.

Name of planning scheme in a MEDC inner city area

Extra space:

---

---

---



(d) For a named LEDC city you have studied, describe and explain the location of its shanty town areas.

Name of LEDC city \_\_\_\_\_

[7]

## Extra space

---

---

---

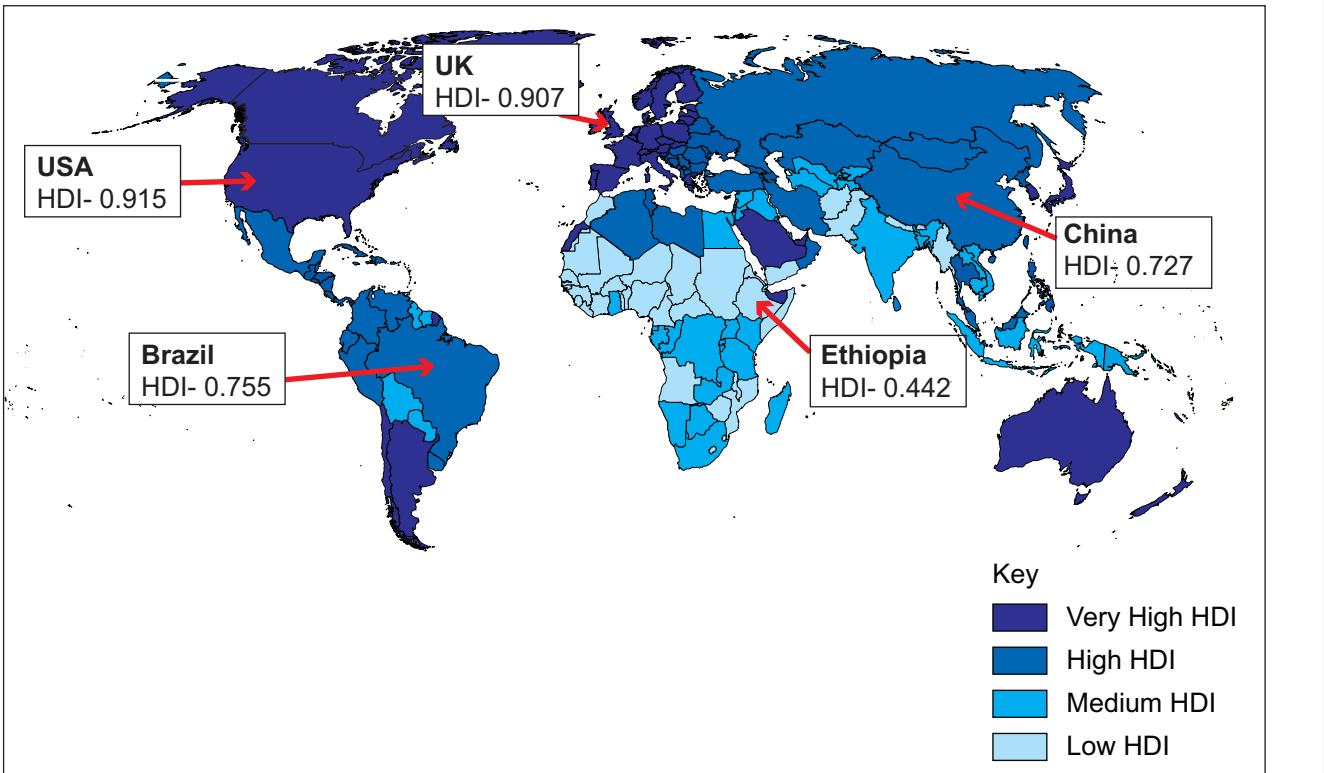
---

Turn over



### Theme C: Contrasts in World Development

3 (a) Indicators of development can be used to assess the quality of life experienced in many countries. Study **Fig. 5** which shows the HDI for some countries around the world. Answer the questions which follow.



**Fig. 5**



(i) What do the initials HDI stand for?

[1]

(ii) Underline the correct answer in each of the following sentences about the HDI. One has been completed for you.

- The country with the highest HDI is **UK / USA**.
- China's HDI is **0.907 / 0.727**.
- MEDCs mainly have a **very high / low** HDI.
- NICs have a **higher / lower** HDI than LEDCs.
- The country with the lowest HDI is **Ethiopia / Brazil**.

[4]

(iii) Explain why the HDI is regarded as one of the most effective indicators of development.

---



---



---



---



---



---



---



---

[3]

[Turn over



**(b)** Many countries support the Sustainable Development Goals. Describe **one** of these goals and explain how it attempts to reduce the development gap between MEDCs and LEDCs.

Goal \_\_\_\_\_

1



**BLANK PAGE**

**DO NOT WRITE ON THIS PAGE**

**(Questions continue overleaf)**

**[Turn over**

11531



**\*32GGY2117\***

(c) Fair trade is one way of increasing economic development in a LEDC. Study **Fig. 6** and answer the questions which follow.



© <http://www.fairtrade.org>

**Facts About Fair Trade in 2016**

1. Fair trade sales in the UK generated £29.8 million for farmers and workers.
2. Over 74 countries have fair trade farms.
3. Some chocolate bars in the UK now contain fair trade cocoa.

© <http://www.fairtrade.org>

**Fig. 6**

(i) State the meaning of the term **fair trade**.

---



---



---



---

[2]



(ii) With reference to a named LEDC describe **one** advantage of fair trade.

[4]

[Turn over

76



\*32GGY2119

(d) Describe and evaluate the success of **one** appropriate technology product you have studied.

## Extra Space:

---

---

---

---

---

---

11531



**BLANK PAGE**

**DO NOT WRITE ON THIS PAGE**

**(Questions continue overleaf)**

**[Turn over**

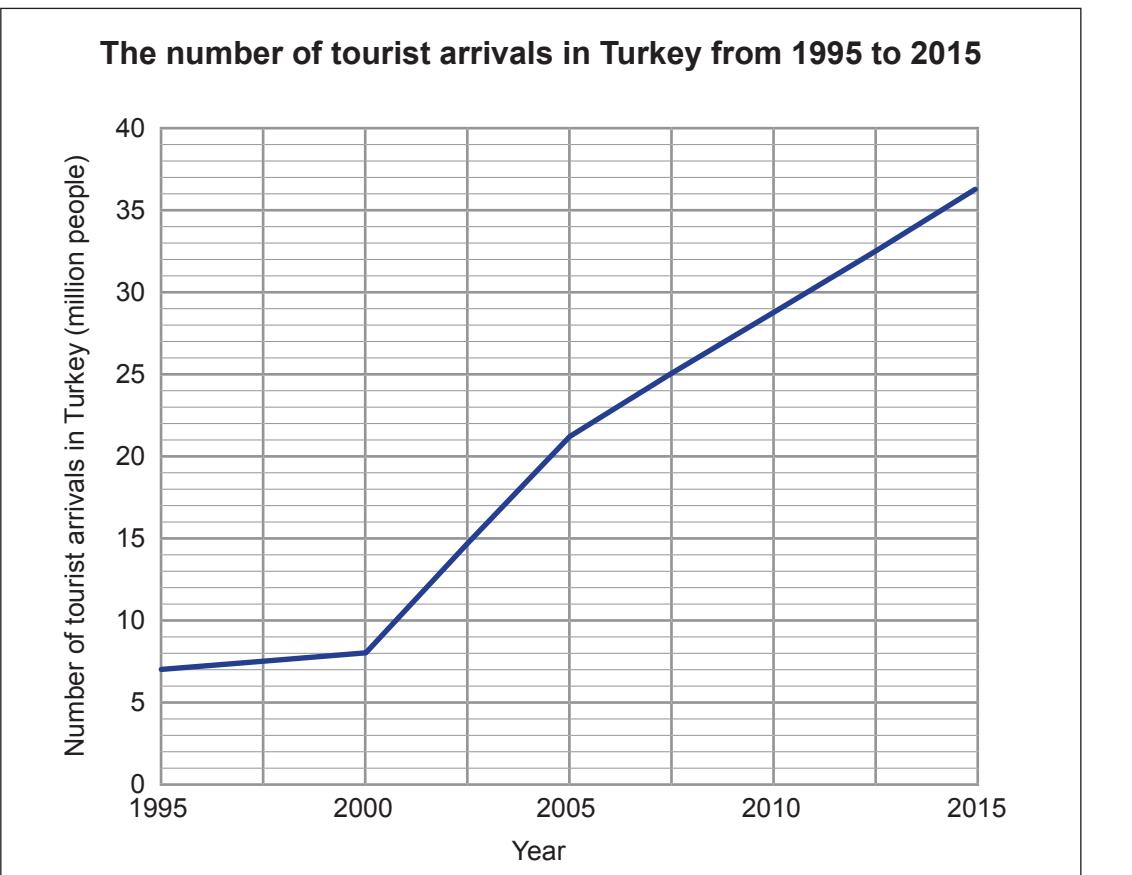
11531



**\*32GGY2121\***

## Theme D: Managing Our Environment

4 (a) Study **Fig. 7**, a graph showing the number of tourist arrivals in Turkey from 1995 to 2015. Answer the question which follows.



© The World Bank. International tourism, number of arrivals. World Tourism Organization, Yearbook of Tourism Statistics, Compendium of Tourism Statistics and data files

**Fig. 7**

Using **Fig. 7**, outline the change in the number of tourist arrivals in Turkey.

---



---



---



---

[2]



**BLANK PAGE**

**DO NOT WRITE ON THIS PAGE**

**(Questions continue overleaf)**

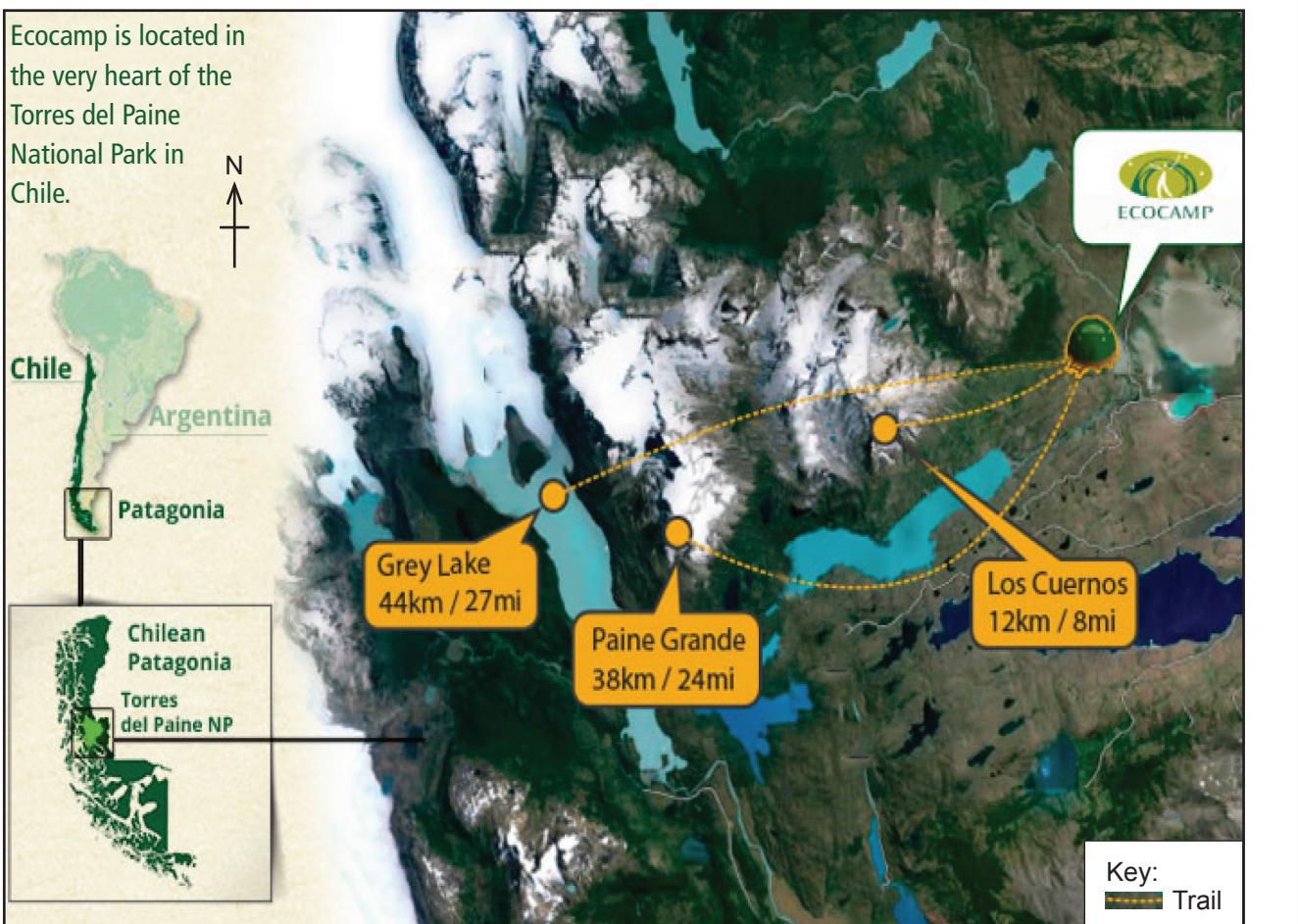
**[Turn over**

11531



**\*32GGY2123\***

(b) Study **Fig. 8** which shows information about a sustainable tourism project in Patagonia. Answer the questions which follow.



At Ecocamp we focus on the whole experience. Our trips are unique, eco-friendly and carefully designed to ensure maximum enjoyment.

All waste is recycled, e.g. plastic, glass and paper. We obtain energy from 100% renewable sources. 40% of our energy is solar and 60% is hydro-electric.

Our accommodation is based on the design of traditional huts; they resemble igloos designed to conserve heat.

© Eco-Camp Patagonia. Cascada Expediciones

**Fig. 8**



(i) In which country would you find Ecocamp?

[1]

(ii) Using **Fig. 8**, state the name of the longest trail.

[1]

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

[2]

(iv) Explain one way this camp helps to protect the environment.

[3]

**[Turn over**



(c) Describe how the greenhouse effect can contribute to climate change.

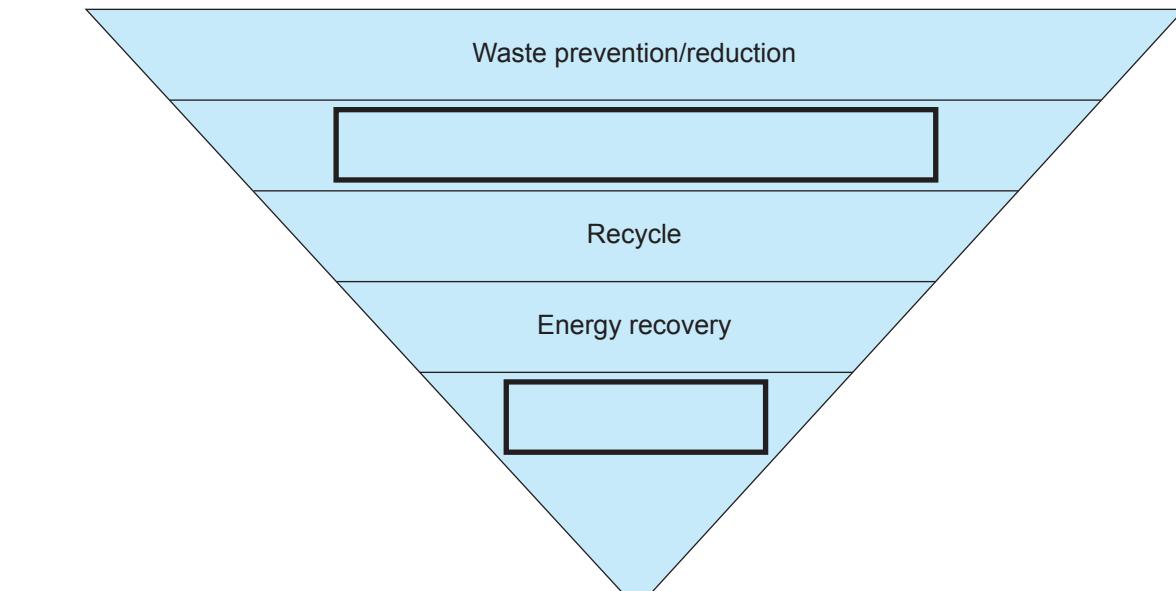
1

11531



32GGY2126\*

(d) Study **Fig. 9** which shows the key elements of the waste hierarchy. Answer the questions which follow.



**Fig. 9**

(i) Complete **Fig. 9** by selecting the correct terms from the list below.

Disposal

Health concern

Reuse

[2]

(ii) Describe **one** way that people could recycle their household waste.

---



---



---



---

[2]

**[Turn over**



(iii) Explain **one** way that householders may be able to 'reduce' the amount of waste they produce.

---

---

---

---

[2]



(e) For **one** renewable energy source that you have studied, evaluate its benefits and disadvantages as a sustainable solution.

Renewable energy source \_\_\_\_\_

[7]

Extra Sp

ing L.



\*32GGY2129

---

---

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

---

---

11531



\*32GGY2130\*

**BLANK PAGE**

**DO NOT WRITE ON THIS PAGE**

11531



**\*32GGY2131\***

**DO NOT WRITE ON THIS PAGE**

<b>For Examiner's use only</b>	
<b>Question Number</b>	<b>Marks</b>
1	
2	
3	
4	

<b>Total Marks</b>	
--------------------	--

Examiner Number

Permission to reproduce all copyright material has been applied for.  
In some cases, efforts to contact copyright holders may have been unsuccessful and CCEA  
will be happy to rectify any omissions of acknowledgement in future if notified.

237619



\*32GGY2132\*