

New
Specification

Rewarding Learning

General Certificate of Secondary Education
2018

Centre Number

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Candidate Number

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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.

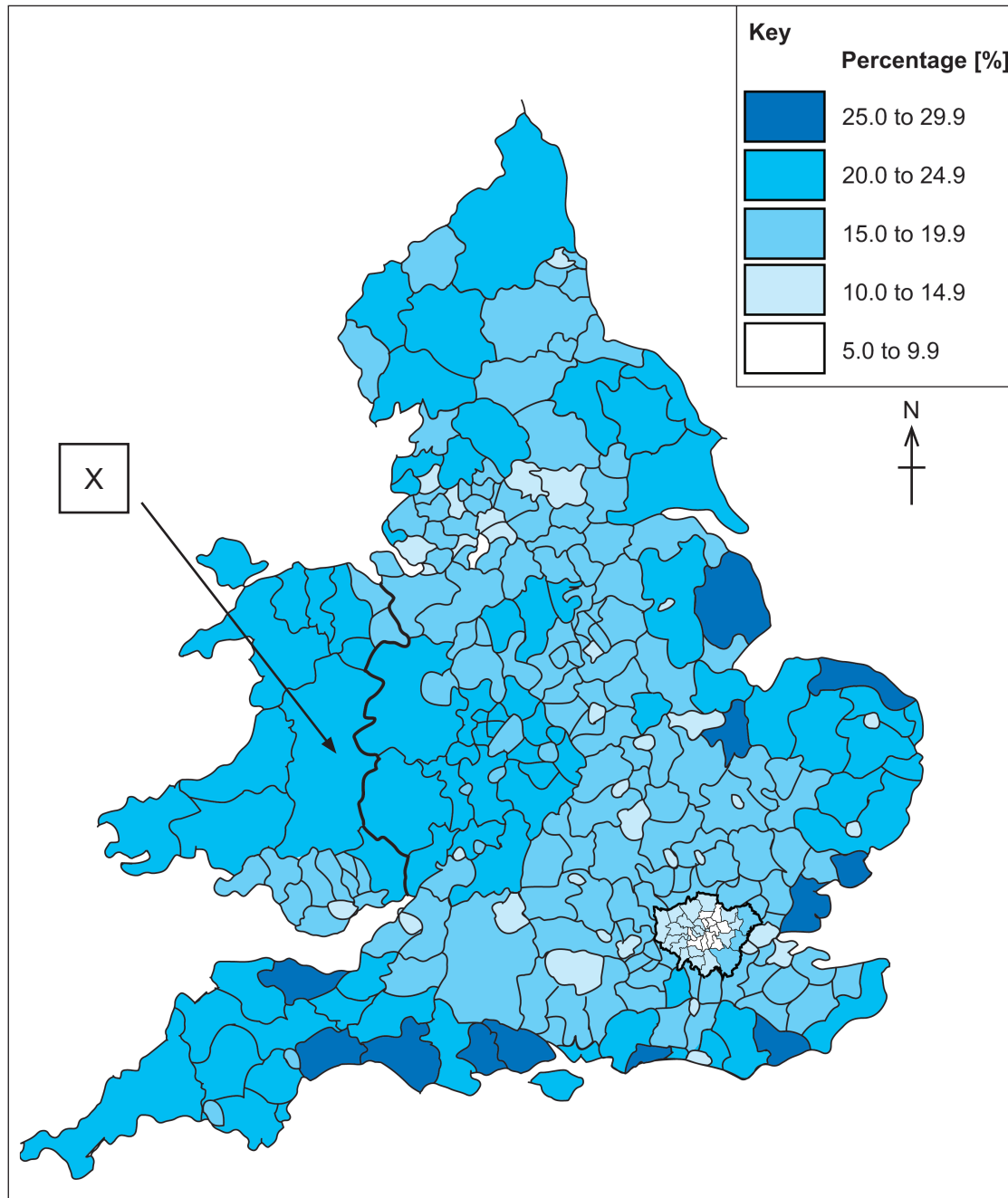
Figures in brackets printed down the right-hand side of pages indicate the marks awarded to each question or part question.

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



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.



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Contains Ordnance Survey data © Crown Copyright and database right 2012

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]

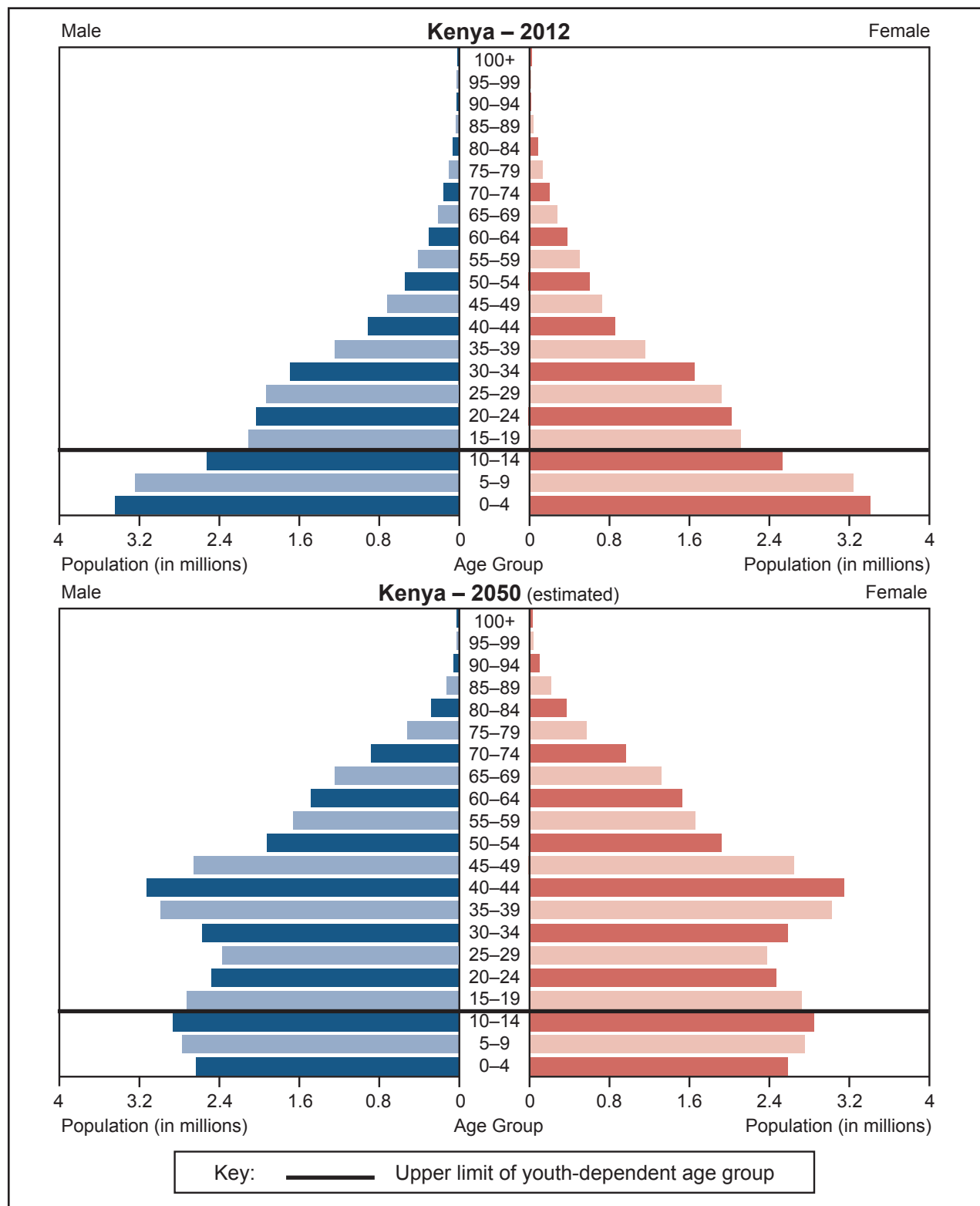
- (iv) Explain **one** possible implication of having a large aged-dependent population.

_____ [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 - Public Domain

Fig. 2



- (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]

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(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 |
| | |

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[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.

[3]





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- (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]

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- [illegible]

Name of LEDC city _____

[illegible]

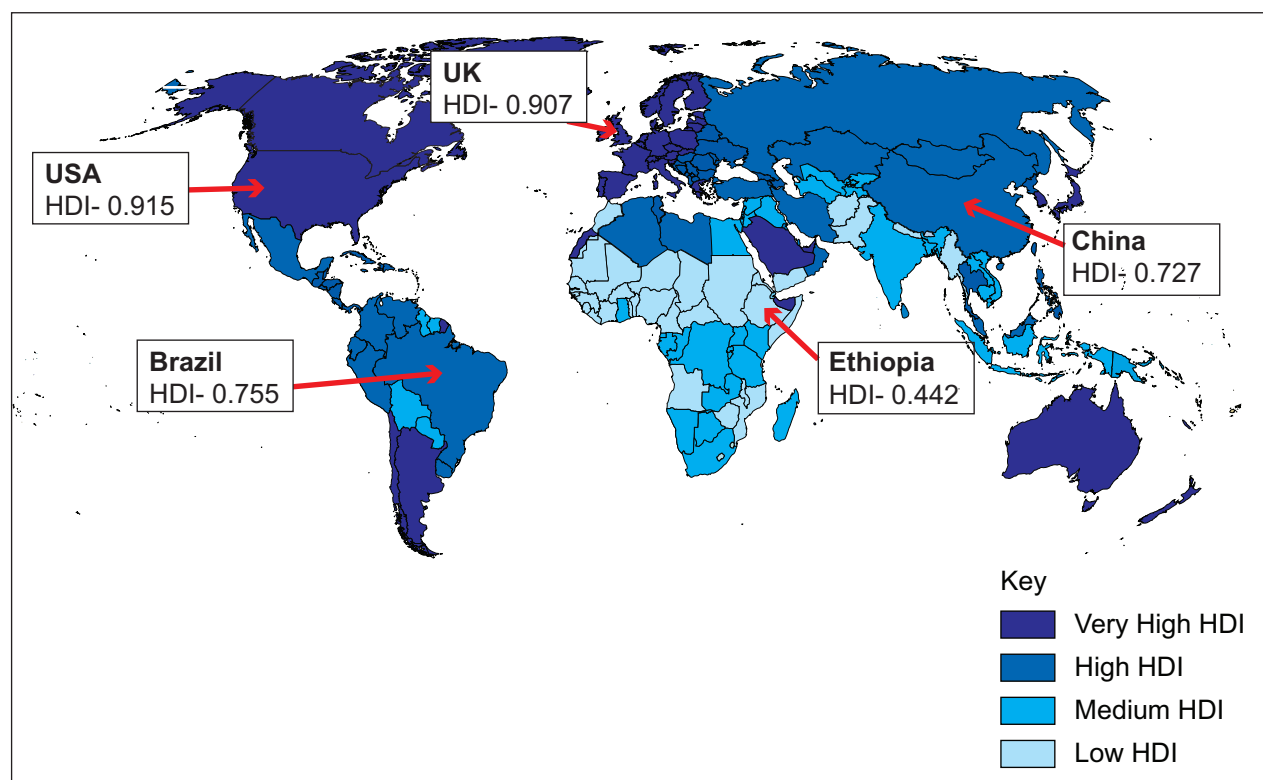
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Theme C: Contrasts in World Development

- 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.



© 'Global Human Development Indicators', United Nations Development Programme.
<https://creativecommons.org/licenses/by/3.0/igo/legalcode>

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 _____

[4]





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



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>

© <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]

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[illegible]



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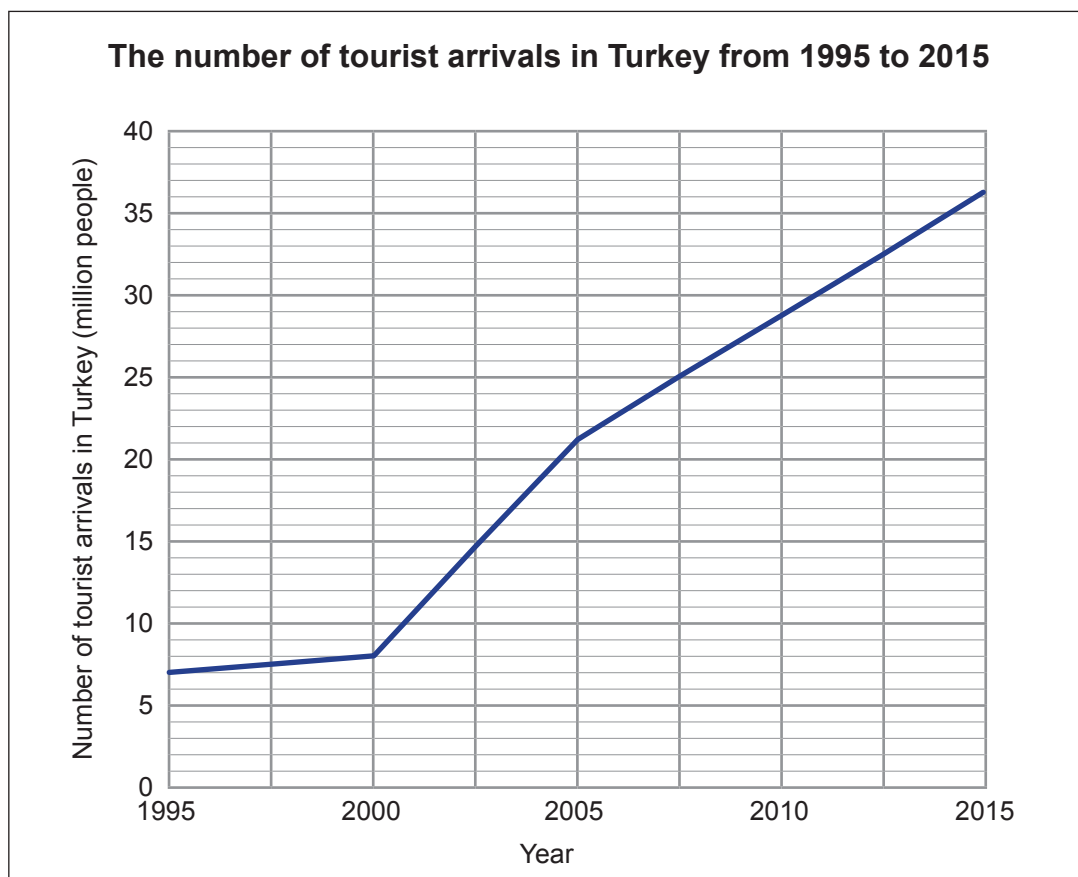
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Theme D: Managing Our Environment

- 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]





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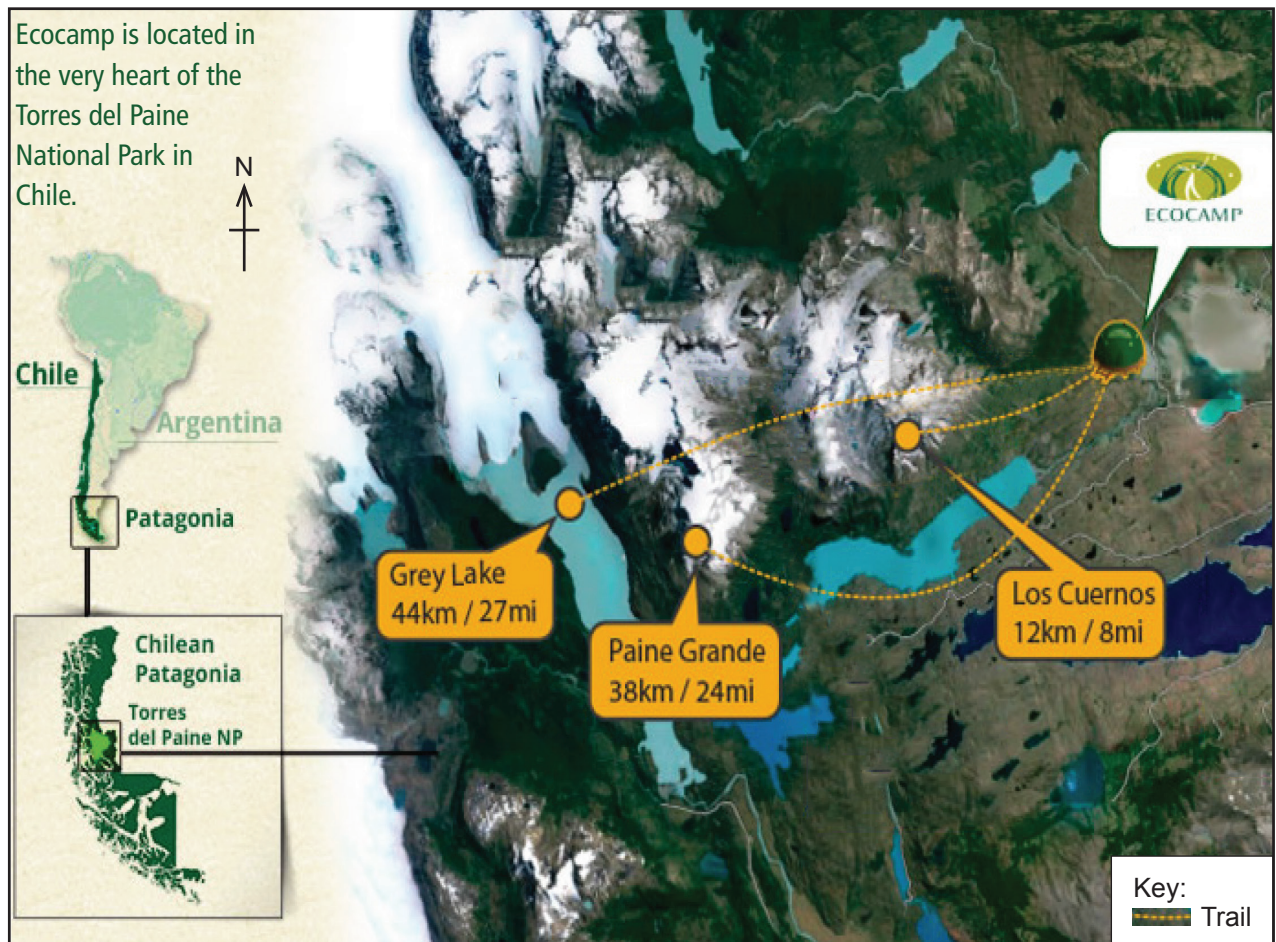
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[Turn over



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(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.

[3]



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

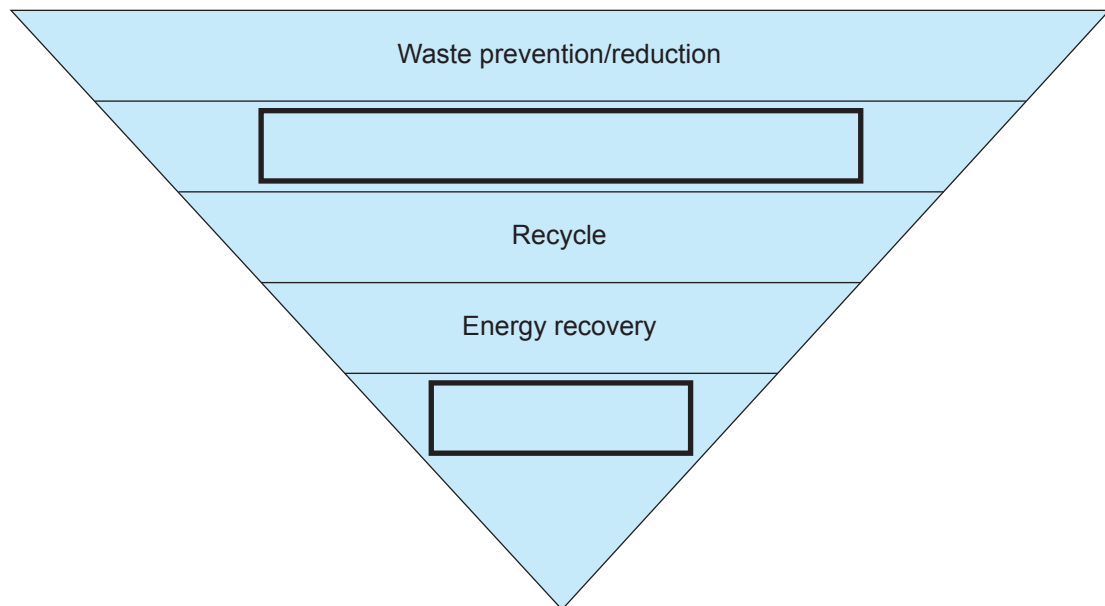


Fig. 9

- (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]



- Renewable energy source _____

[illegible]

Extra Space:

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| For Examiner's use only | |
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| Question Number | Marks |
| 1 | |
| 2 | |
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| 4 | |

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| Total Marks | |
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Examiner Number

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