

CANDIDATE
NAME

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CENTRE
NUMBER

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CANDIDATE
NUMBER

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GEOGRAPHY

0460/12

Paper 1

February/March 2018

1 hour 45 minutes

Candidates answer on the Question Paper.

Additional Materials: Ruler
 Calculator

READ THESE INSTRUCTIONS FIRST

Write your Centre number, candidate number and name in the spaces provided.

Write in dark blue or black pen.

You may use an HB pencil for any diagrams or graphs.

Do not use staples, paper clips, glue or correction fluid.

DO **NOT** WRITE IN ANY BARCODES.

Write your answer to each question in the space provided.

If additional space is required, you should use the lined pages at the end of this booklet. The question number(s) must be clearly shown.

Answer **three** questions, **one** from each section.

The Insert contains Fig. 2.1 for Question 2, Fig. 3.1 for Question 3, Fig. 4.1 for Question 4, and Figs. 5.2 and 5.3 for Question 5.

The Insert is **not** required by the Examiner.

Sketch maps and diagrams should be drawn whenever they serve to illustrate an answer.

At the end of the examination, fasten all your work securely together.

The number of marks is given in brackets [] at the end of each question or part question.

Definitions

MEDCs – More Economically Developed Countries

LEDCs – Less Economically Developed Countries

The syllabus is approved for use in England, Wales and Northern Ireland as a Cambridge International Level 1/Level 2 Certificate.

This document consists of **29** printed pages, **3** blank pages and **1** Insert.

Section A

Answer **one** question from this section.

- 1 (a) Study Fig. 1.1, which shows information about the population of New Zealand, an MEDC.

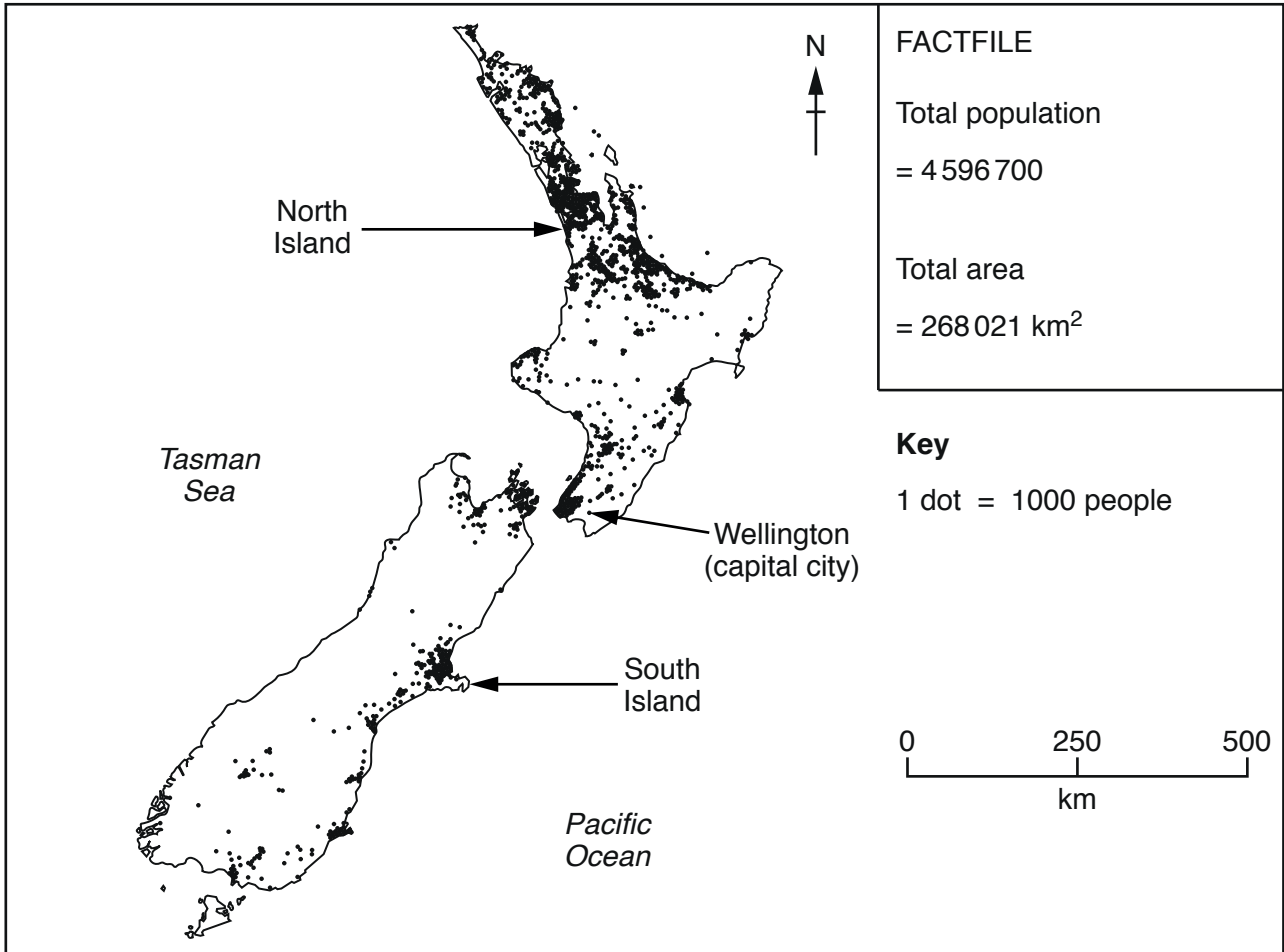


Fig. 1.1

- (i) Which of the following is the approximate population density of New Zealand?

Circle your answer in the list below.

- 17 people per square kilometre
- 45 people per square kilometre
- 268 people per square kilometre

[1]

(ii) Suggest **two** reasons why many people live in Wellington, the capital city of New Zealand.

1

.....

2

..... [2]

(iii) Describe the main features of the distribution of the population of New Zealand.

.....

.....

.....

.....

.....

..... [3]

(iv) State **two** different physical factors and for each one explain how it may influence the distribution of population in a country.

1

.....

.....

.....

.....

2

.....

.....

..... [4]

(b) Study Fig. 1.2, which shows information about the distribution of the world's population in 2000, along with a prediction for the year 2100.

World's population distribution in 2000 and 2100 (predicted)

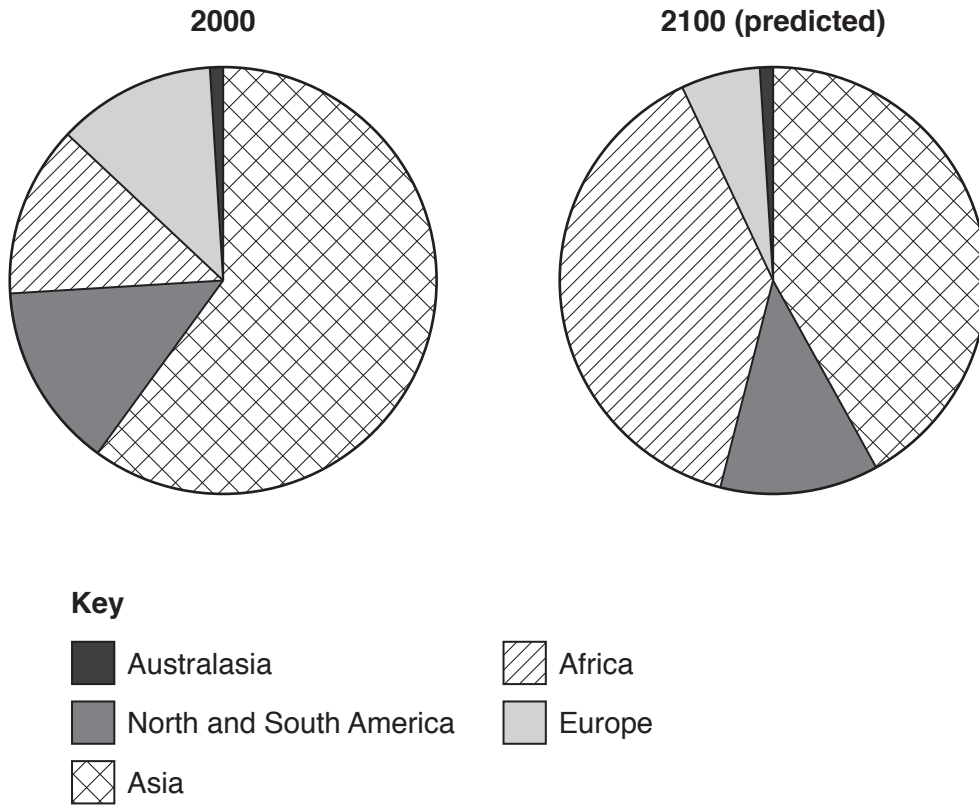


Fig. 1.2

(i) Using Fig. 1.2 **only**, identify **three** changes which are expected in the distribution of the world's population between 2000 and 2100.

- 1
-
- 2
-
- 3
- [3]

Section B

Answer **one** question from this section.

3 (a) Study Fig. 3.1 (Insert), which is a photograph of an area of coastline.

(i) Which **one** of the following is a natural feature which can be seen in Fig. 3.1?

Circle your answer.

lagoon lighthouse spit wave cut platform [1]

(ii) Suggest why the coastline shown in Fig. 3.1 is **not** straight.

.....
.....
.....
.....[2]

(iii) Explain how the following processes may have eroded the coastline in the area shown in Fig. 3.1.

Hydraulic action
.....
.....

Corrasion (abrasion)
.....
.....

Corrosion
.....
.....[3]

4 (a) Study Fig. 4.1 (Insert), which is a photograph of a school weather station.

(i) Which **one** of the following is the best definition of *weather*?

Tick (✓) your answer in the box below.

	Tick (✓)
The condition of the atmosphere at a given time and place	
The averages of temperature and precipitation during each month	
The average climate of an area during the year	
Hazards caused by wind and rain during the year	

[1]

(ii) Name **two** instruments used to collect information about wind which can be seen in Fig. 4.1.

1

2

[2]

(iii) Using information from Fig. 4.1 **only**, give **three** reasons why this is not a perfect location for a weather station.

1

2

3

[3]

(iv) Explain why the instruments used to collect information about temperature and humidity are kept in a Stevenson screen.

.....

[4]

Section C

Answer **one** question from this section.

- 5 (a) Study Fig. 5.1, which shows information about agricultural land use in different areas in central Scotland.

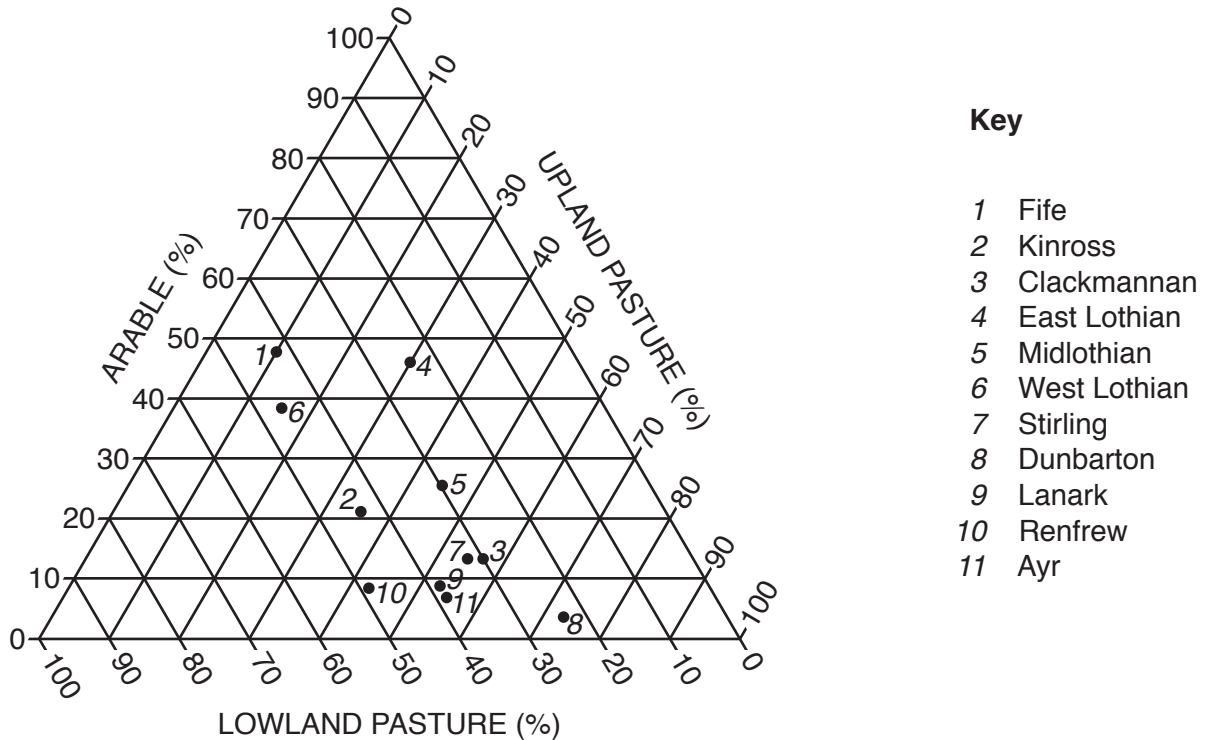


Fig. 5.1

- (i) **Complete the graph** by plotting a cross to show the average percentages for central Scotland.

Use the following figures:

Arable	25%
Lowland pasture	40%
Upland pasture	35%

[1]

- (ii) Define the following terms:

Arable

.....

Pasture

.....[2]

- 6 (a) Study Fig. 6.1, which shows information about the use of energy in China and the USA between 1990 and 2040 (projected).

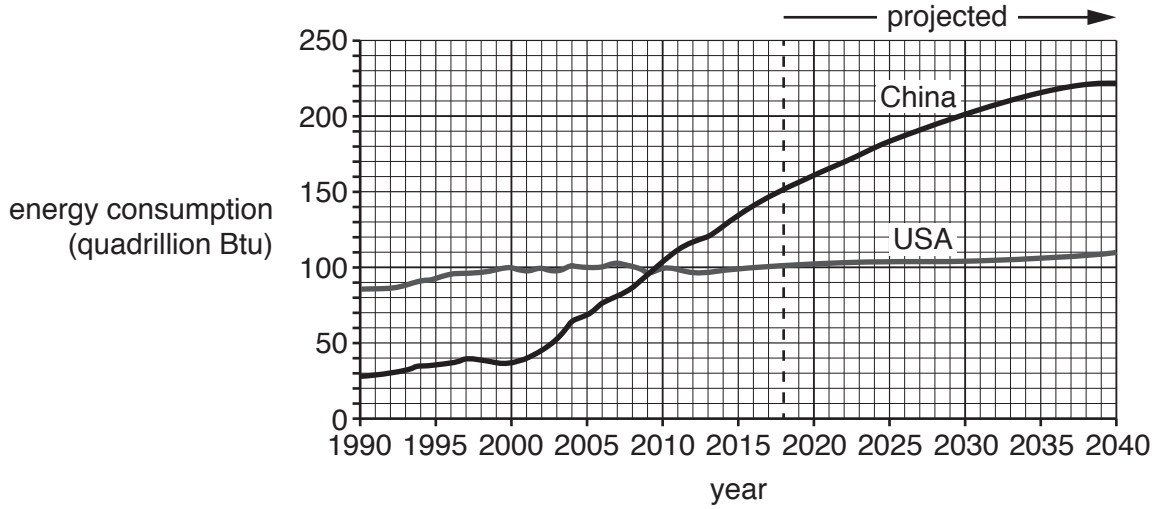


Fig. 6.1

- (i) In which year was the same amount of energy used in China and the USA?

..... [1]

- (ii) Using Fig. 6.1 **only**, compare the increases in the use of energy in China and the USA which are predicted to occur between 2018 and 2040. Use statistics to support your answer.

.....

 [2]

- (iii) Suggest reasons why the amount of energy being used in China and the USA is increasing.

.....

 [3]

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