

--

--	--	--	--	--

--	--	--	--

0460/11

May/June 2016

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 Photographs A and B for Question 5 and Fig. 11 for Question 6.

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 **35** printed pages, **1** blank page and **1** Insert.

Section A

Answer **one** question from this section.

QUESTION 1

- 1 (a) Study Fig. 1, which shows information about the number of immigrants to Mexico (an LEDC) in 2011.

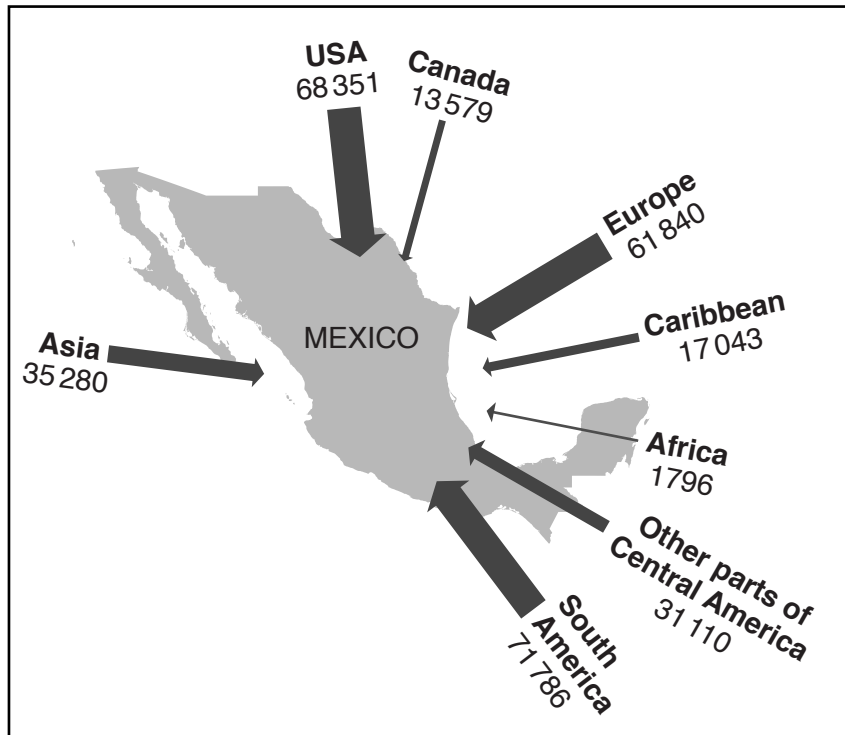


Fig. 1

- (i) Put the following continents in rank order according to their number of migrants into Mexico.

Asia Europe South America

1st highest

2nd

3rd lowest

[1]

- (ii) Identify the following:

- a country in North America with over 60 000 migrants to Mexico in 2011;

.....

- the number of migrants to Mexico from other parts of Central America in 2011.

.....

[2]

- (iii) Give **three** difficulties which international migrants may experience when settling in a new country.

1

.....

2

.....

3

.....

[3]

- (iv) Suggest ways in which Mexico will have benefitted from receiving international migrants.

.....

.....

.....

.....

.....

.....

.....

.....

[4]

- (b) Study Fig. 2, which shows information about migration between Mexico (an LEDC) and the USA (an MEDC).

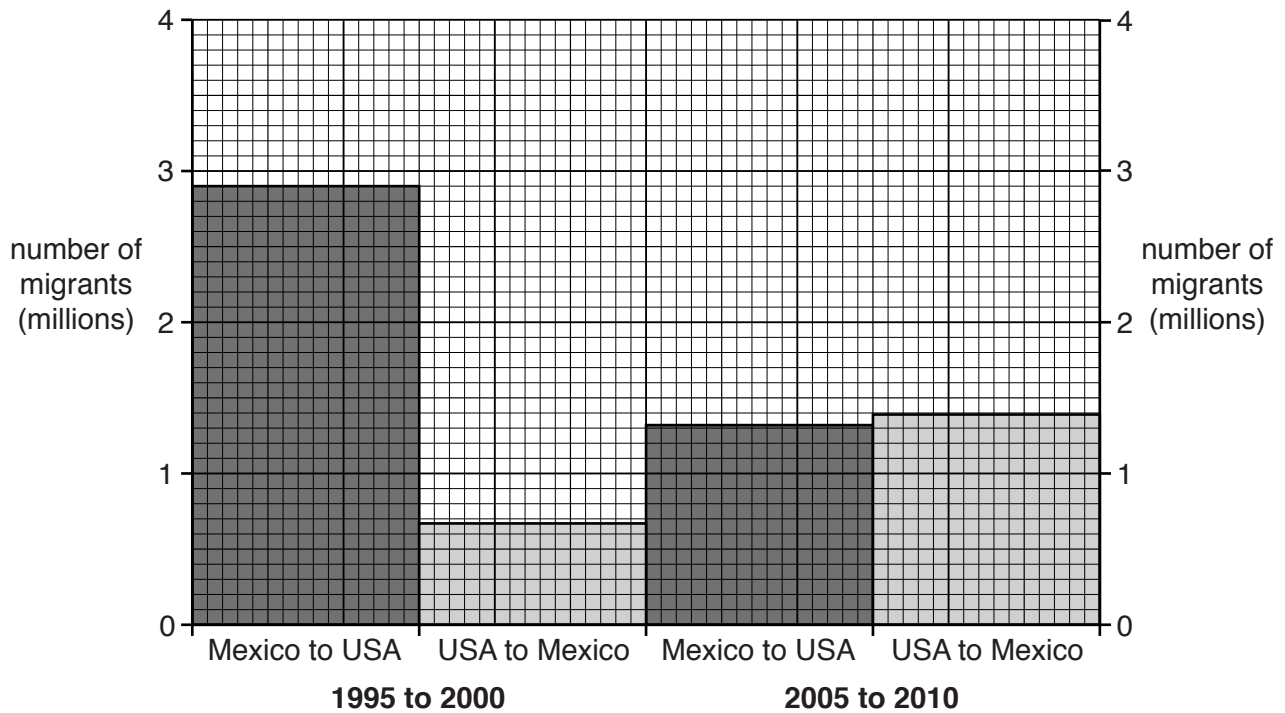


Fig. 2

- (i) Using Fig. 2, compare the pattern of migration between Mexico and the USA during the periods 1995–2000 and 2005–2010. Include statistics in your answer.

.....

.....

.....

.....

.....

.....

.....[3]

- (ii) Describe the pull factors of an MEDC, such as the USA, for migrants from LEDCs.

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....[5]

- (c)** For a named country you have studied, describe and explain the problems caused by under-population.

Name of country

.....[7]

[Total: 25 marks]

END OF QUESTION 1

TURN PAGE FOR QUESTION 2

QUESTION 2

2 (a) Study Fig. 3, which shows a coastal area in an MEDC.

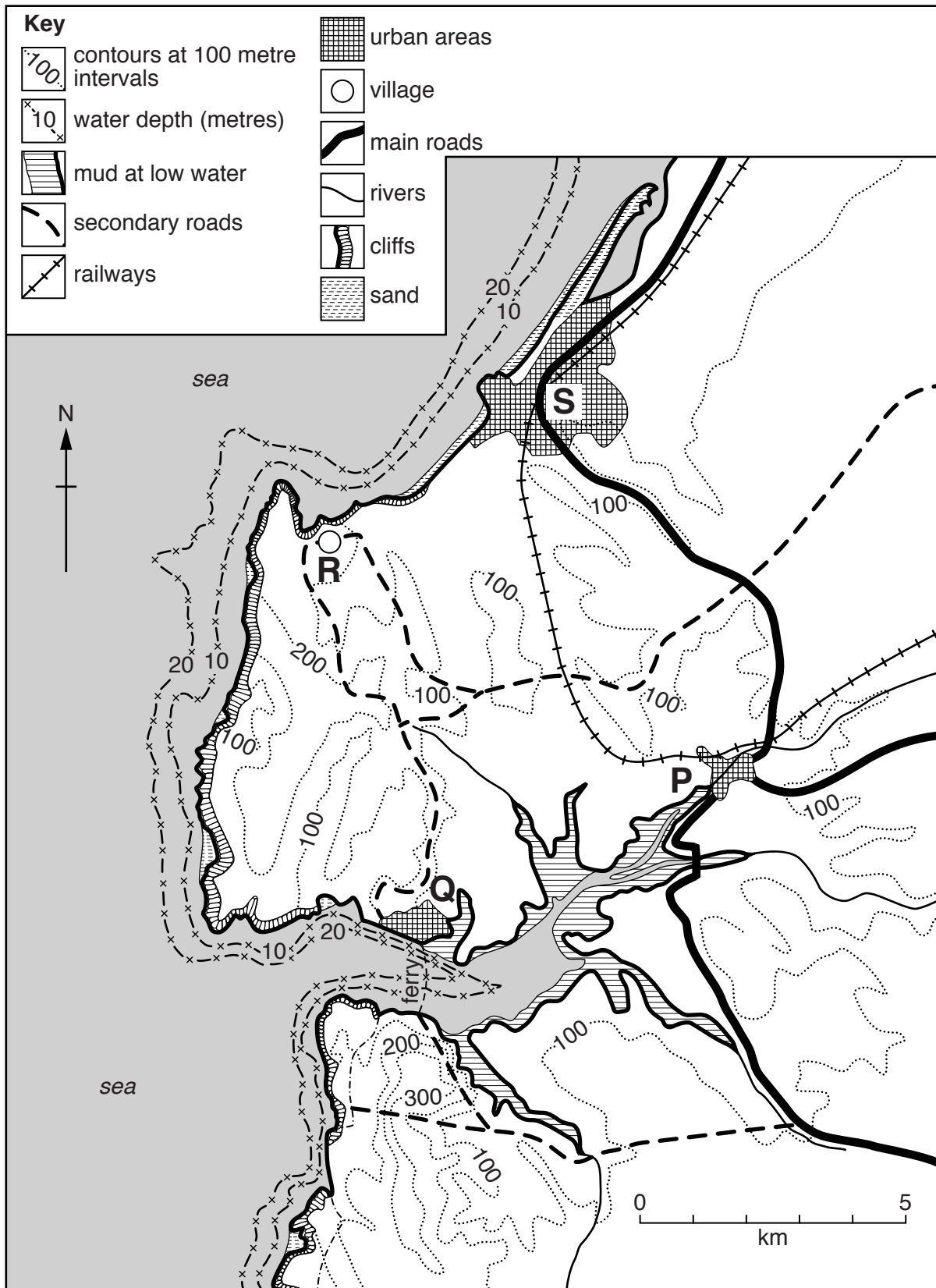


Fig. 3

- (i) Give **one** reason why ports developed at **P** and **Q**.

.....

.....

.....[1]

- (ii) Suggest why the port at **P** has declined in importance in the last fifty years, whilst the port at **Q** has increased in importance.

.....

.....

.....

.....[2]

- (iii) Settlements **R** and **S** were both villages one hundred years ago. Using Fig. 3, suggest reasons why **R** remained a village whilst **S** grew into a tourist resort.

.....

.....

.....

.....

.....

.....[3]

- (iv) Settlement **P** is now an industrial town. Explain **two** different reasons for the growth of this function at settlement **P**.

1

.....

.....

.....

2

.....

.....

.....

[4]

(b) Study Fig. 4, which shows information about two rural settlements in Malta (an MEDC in Europe).

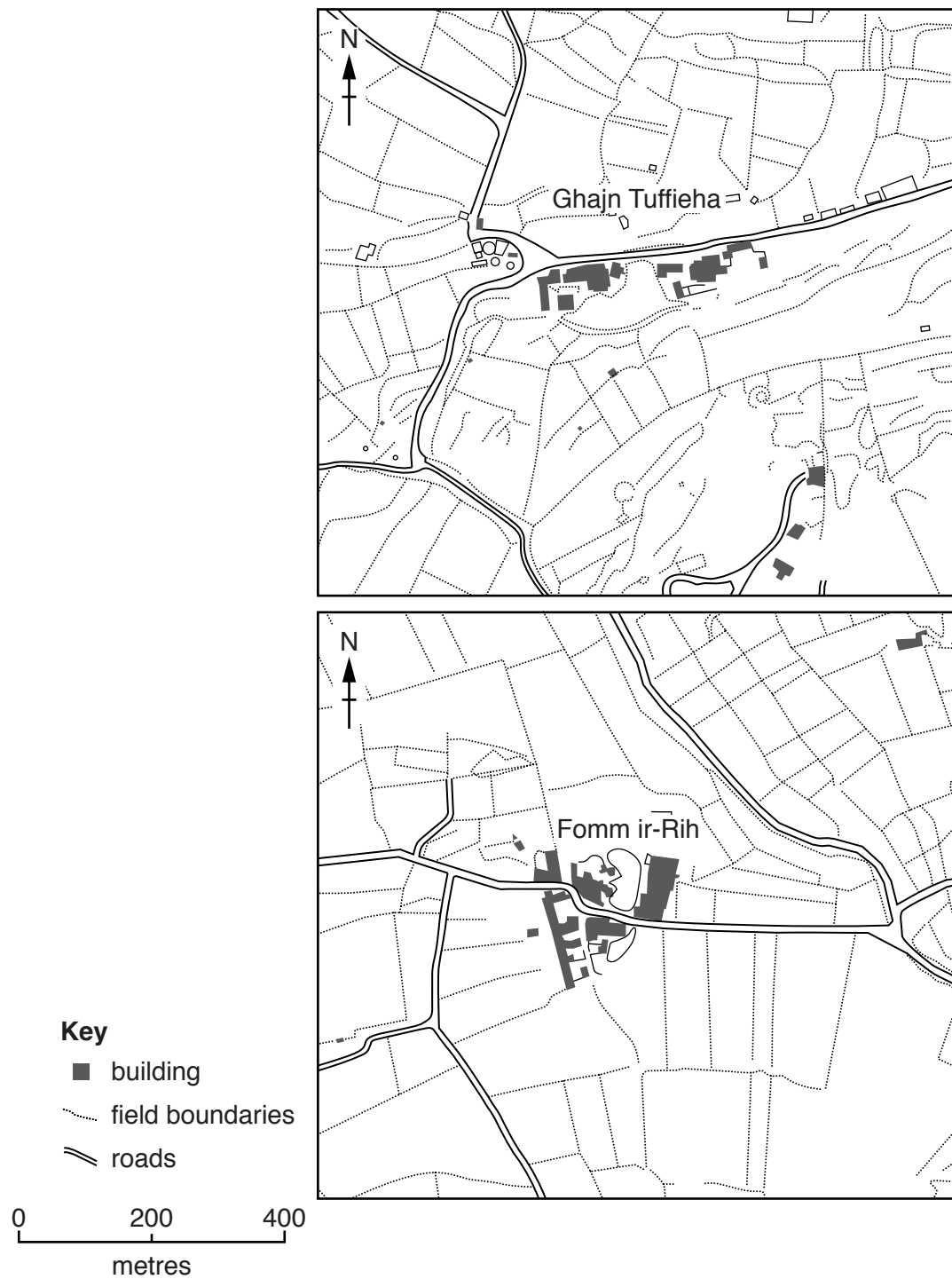


Fig. 4

- (i) Compare the shape and size of the two rural settlements, Ghajn Tuffieha and Fomm ir-Rih.

.....

.....

.....

.....

.....

.....[3]

- (ii) Explain the factors which influence the sites of rural settlements.

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....[5]

TURN PAGE FOR QUESTION 3

Section B

Answer **one** question from this section.

QUESTION 3

- 3 (a)** Study Fig. 5, which shows the location of earthquakes in central and southern Asia between 1900 and 2012.

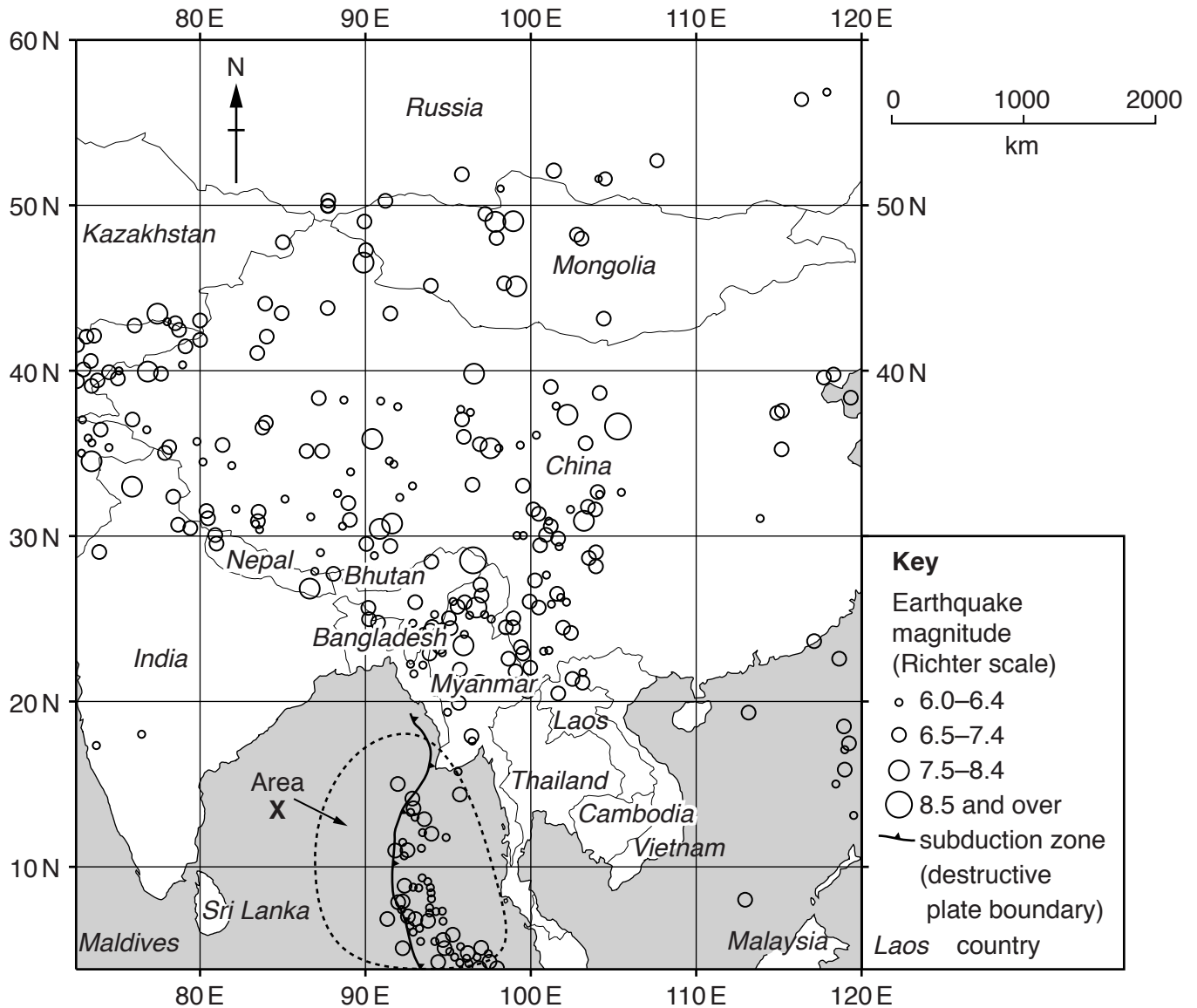


Fig. 5

- (i)** What does the Richter scale measure?

.....

[1]

- (ii)** On Fig. 5, label the following:

- an earthquake with a magnitude 8.5 or higher (label with **A**);
- an earthquake of a magnitude less than 6.5 in India (label with **B**).

[2]

- (iii) Describe the distribution of earthquakes in Mongolia between 1900 and 2012.

.....

.....

.....

.....

.....

.....[3]

- (iv) Explain why the area labelled **X** on Fig. 5 has experienced many earthquakes.

.....

.....

.....

.....

.....

.....

.....

.....[4]

(b) Study Fig. 6, which shows information about an earthquake.

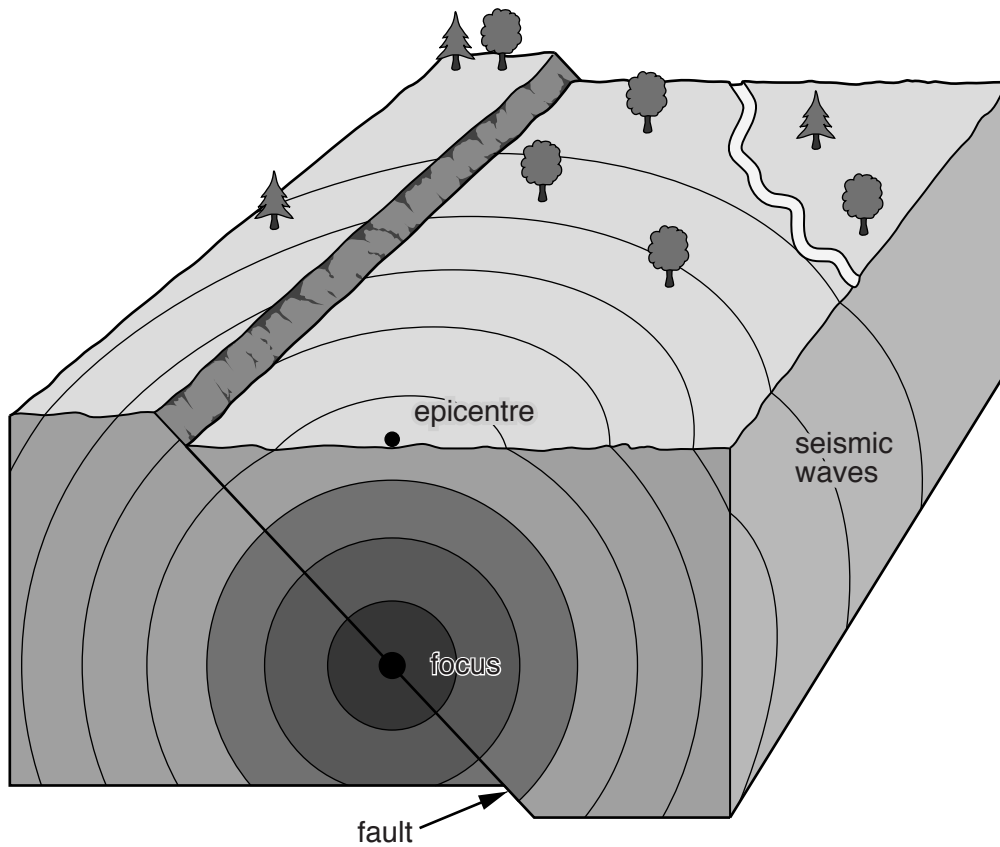


Fig. 6

(i) Define the following terms:

- focus;
-
- epicentre;
-
- seismic waves.
-

[3]

(ii) Describe the effects on people of a powerful earthquake.

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....[5]

Name of area

[7]

END OF QUESTION 3

TURN PAGE FOR QUESTION 4

QUESTION 4

- 4 (a) Study Fig. 7, which shows the location of areas of Equatorial climate.

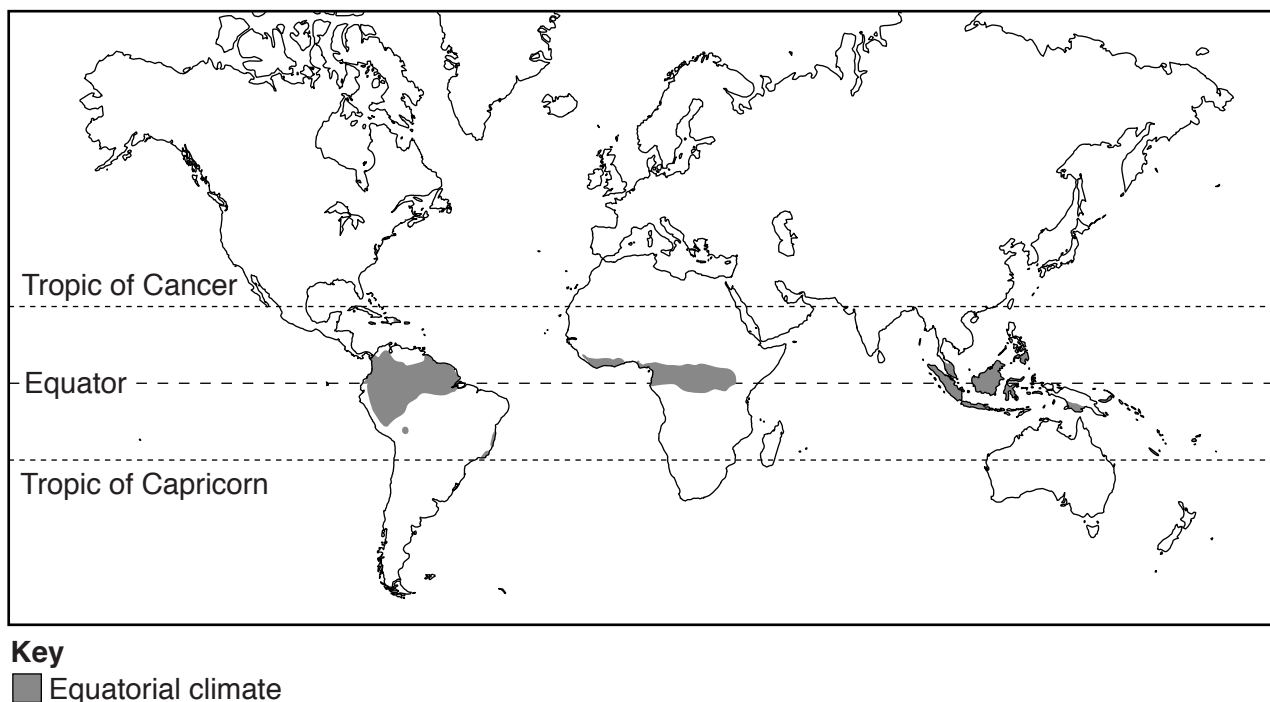


Fig. 7

- (i) Name an area of Equatorial climate.

.....[1]

- (ii) Using Fig. 7, describe the global distribution of the Equatorial climate.

.....

.....

.....

.....[2]

(iii) Describe and explain the main characteristics of the Equatorial climate.

A Description

.....

.....

.....

.....

.....

.....[3]

B Explanation

.....

.....

.....

.....

.....

.....

.....

.....[4]

(b) Study Fig. 8, which shows information about deforestation of tropical rainforests.

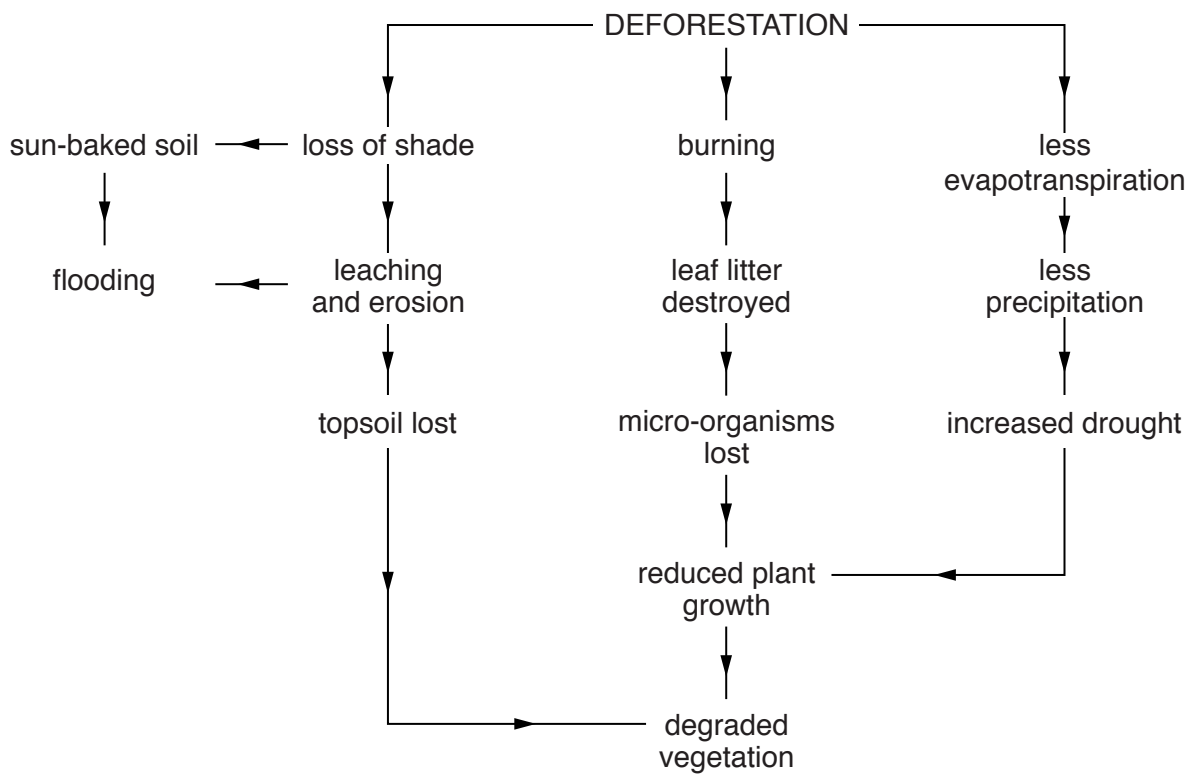


Fig. 8

(i) Using Fig. 8 **only**, explain how deforestation damages local ecosystems.

.....

.....

.....

.....

.....

.....[3]

- (ii) Explain how deforestation of tropical rainforests can have global effects on the natural environment.

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....[5]

TURN PAGE FOR QUESTION 5

Section C

Answer **one** question from this section.

QUESTION 5

- 5 (a) Study Fig. 9, which shows information about GNP per capita and access to clean water in ten LEDCs.

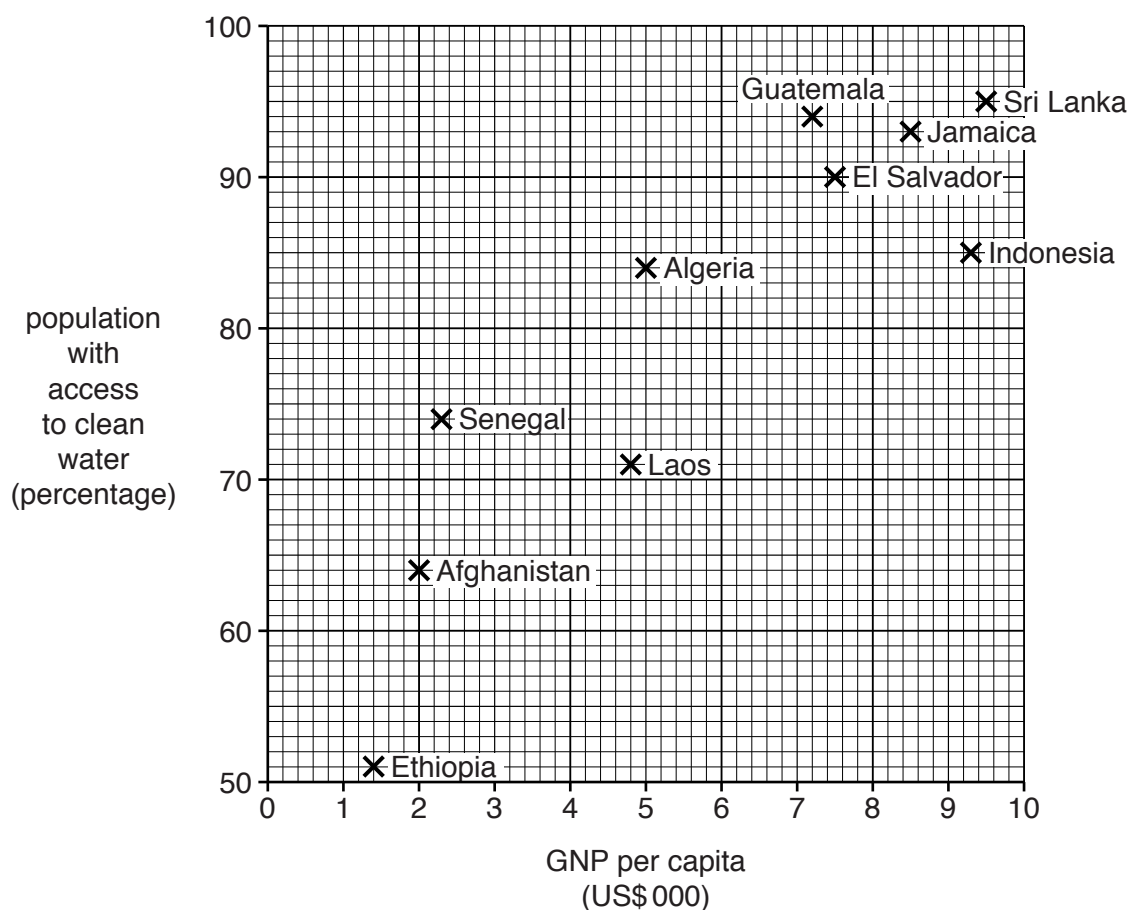


Fig. 9

- (i) Identify the country with a GNP per capita of US\$7500 and 90% of the population with access to clean water.

.....

[1]

- (ii) Describe the general relationship between GNP per capita and the percentage of the population with access to clean water. Use statistics in your answer.

.....

.....

.....

.....[2]

(iii) State **three** ways in which people obtain water in LEDCs.

- 1
-
- 2
-
- 3
-

[3]

(iv) Explain why providing a reliable supply of clean water may increase life expectancy.

-
-
-
-
-
-
-
-
-[4]

- (b)** Study Photographs A and B (Insert), which show the Maguga Dam in Swaziland (an LEDC in Africa).

- (i) Describe **three** features of the Maguga Dam.

1

.....

2

3

[3]

- (ii)** Explain why dam building schemes are important to the economies of LEDCs.

.....

.....

[5]

Economic activity

.....[7

[Turn over

QUESTION 6

6 (a) Study Fig. 10, which shows information about an agricultural system.

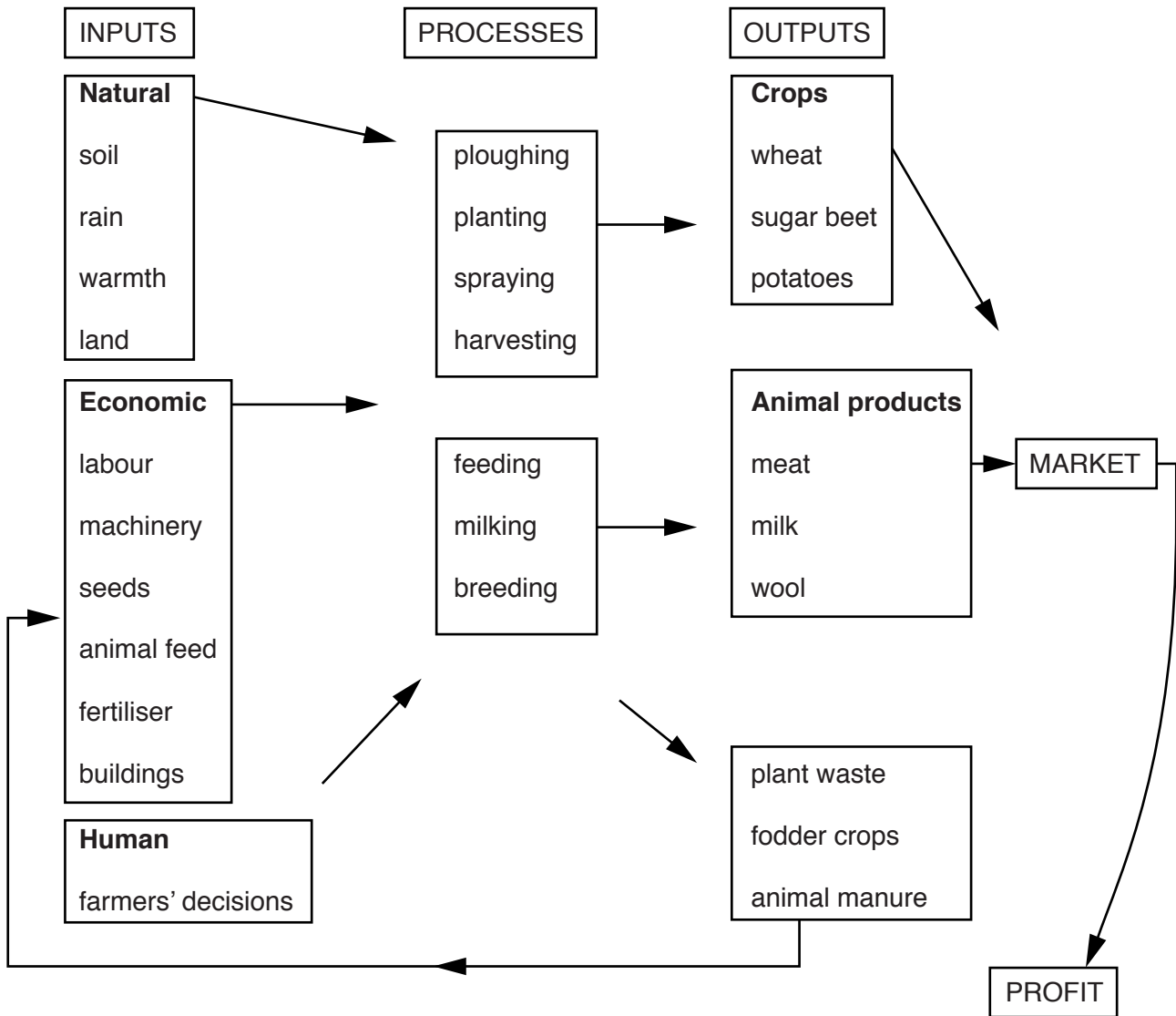


Fig. 10

(i) What is meant by *processes* in an agricultural system?

.....

[1]

(ii) Identify from Fig. 10:

- an output of an arable farm;
- an output of a pastoral farm.

[2]

- (iii) Suggest the likely advantages to a farmer of mixed farming.

.....

.....

.....

.....

.....

.....[3]

- (iv) Using examples of different land uses, explain how relief influences farmers' decisions.

.....

.....

.....

.....

.....

.....

.....

.....[4]

(b) Study Fig. 11 (Insert), which shows information about land use in Pakistan (an LEDC in Asia).

(i) Compare the land use to the east and west of the Indus river.

.....

.....

.....

.....

.....

.....[3]

(ii) Suggest reasons why some rice farmers in countries such as Pakistan are commercial farmers while others are subsistence farmers.

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....[5]

- (c)** For a named country or region you have studied, describe the effects of food shortages on the people who live there.

Name of country or region

.....[7

[Total: 25 marks]

END OF QUESTION 6

Additional Pages

If you use the following lined pages to complete the answer(s) to any question(s), the question number(s) must be clearly shown.

[illegible]

BLANK PAGE

Permission to reproduce items where third-party owned material protected by copyright is included has been sought and cleared where possible. Every reasonable effort has been made by the publisher (UCLES) to trace copyright holders, but if any items requiring clearance have unwittingly been included, the publisher will be pleased to make amends at the earliest possible opportunity.

To avoid the issue of disclosure of answer-related information to candidates, all copyright acknowledgements are reproduced online in the Cambridge International Examinations Copyright Acknowledgements Booklet. This is produced for each series of examinations and is freely available to download at www.cie.org.uk after the live examination series.

Cambridge International Examinations is part of the Cambridge Assessment Group. Cambridge Assessment is the brand name of University of Cambridge Local Examinations Syndicate (UCLES), which is itself a department of the University of Cambridge.