



UNIVERSITY OF CAMBRIDGE INTERNATIONAL EXAMINATIONS
General Certificate of Education Ordinary Level

CANDIDATE
NAME

CENTRE
NUMBER

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CANDIDATE
NUMBER

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GEOGRAPHY

2217/13

Paper 1

October/November 2011

1 hour 45 minutes

Candidates answer on the Question Paper.

Additional Materials: Ruler

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 a soft pencil for any diagrams, graphs or rough working.

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

DO NOT WRITE ON ANY BARCODES.

Write your answer to each question in the space provided. If additional space is required, you should use the lined page 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. 4 for Question 2, Photographs A, B, C and D for Question 3 and Photograph E for Question 6.

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

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

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

This document consists of **23** printed pages, **1** lined page and **1** Insert.



Section A

Answer **one** question from this section.

QUESTION 1

(a) Study Fig. 1, which shows information about the population of Denmark (an MEDC) between 1970 and 2006.

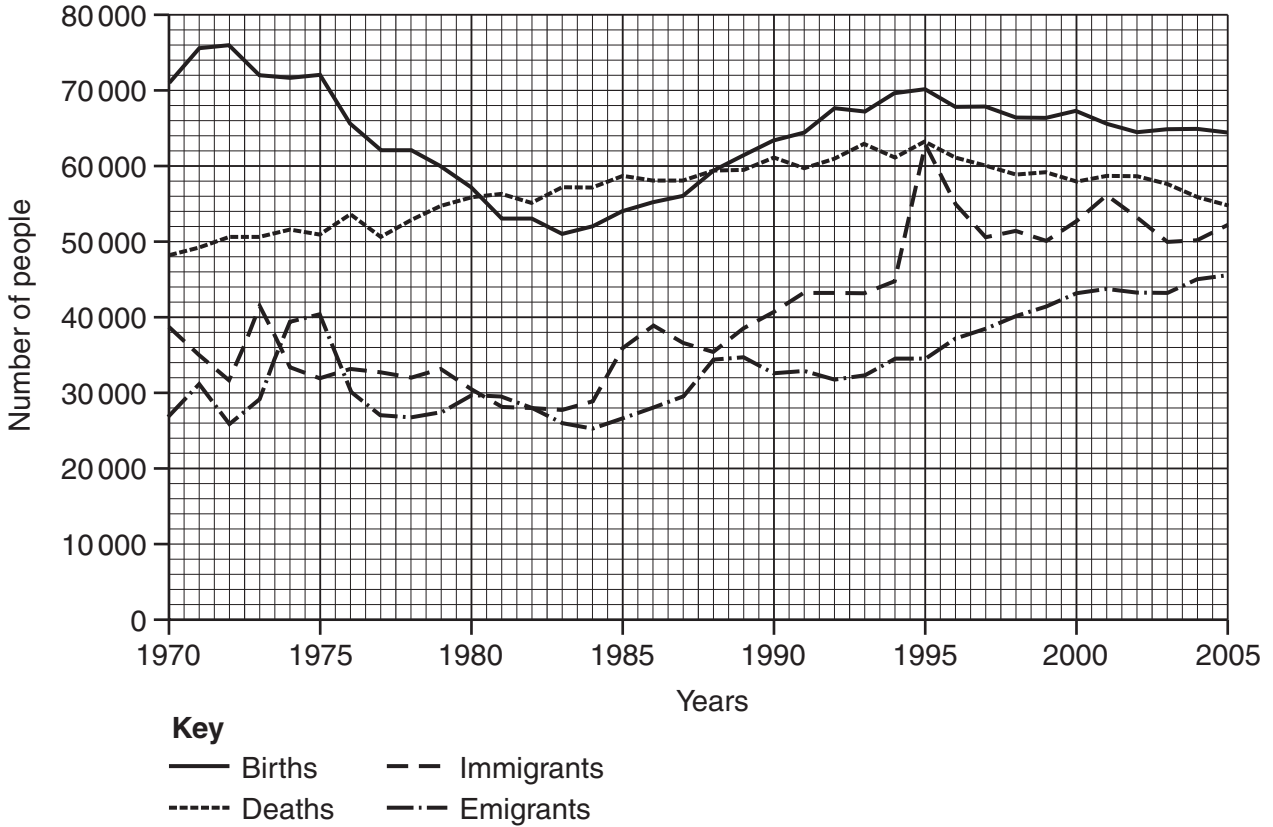


Fig. 1

- (i) What was the number of births in Denmark in 1970?[1]
- (ii) Use evidence from Fig. 1 to identify a year when:
 - A** there were more births than deaths,
 - B** there were more emigrants than immigrants.[2]
- (iii) Calculate the total population change in Denmark in 2005.
Show your calculations.

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.....[3]

- (iv) Describe the main trends in **migration** between 1970 and 2005.
Use data from Fig. 1 in your answer.

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.....[4]

QUESTION 2

(a) Study Fig. 3, which shows maps of four rural settlements.

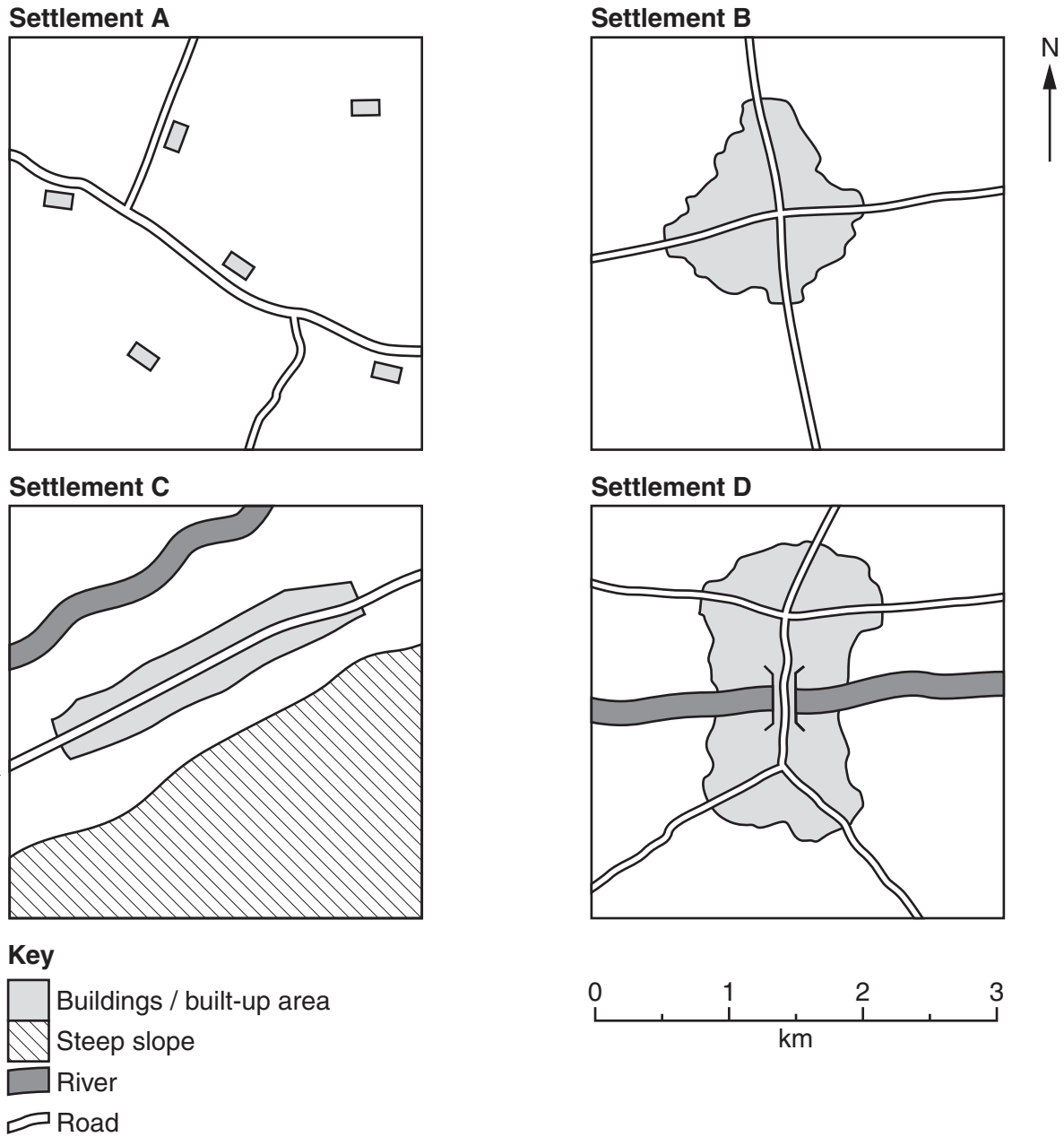


Fig. 3

(i) Settlement **A** is an area of dispersed rural settlement. What is meant by a *dispersed* settlement pattern?

.....

.....[1]

(ii) Describe the shapes of settlements **B** and **C**.

Settlement **B**

.....

Settlement **C**

..... [2]

(iii) Suggest reasons for the different shapes of settlements **B** and **C**.

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..... [3]

(iv) Suggest reasons why settlement **D** has developed into a large settlement.

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..... [4]

(b) Study Fig. 4 (Insert), which shows a rural area in Tanzania (an LEDC).

(i) Describe **three** features of the distribution of rural settlement in the area shown by Fig. 4.

- 1
 - 2
 - 3
-[3]

(ii) Suggest reasons for the distribution of rural settlement in the area shown by Fig. 4.

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-[5]

Section B

Answer **one** question from this section.

QUESTION 3

- (a) Study Photographs A, B, C and D (Insert), which show different types of coastal landform.
 - (i) Which photograph is of a coastal landform formed by erosion?[1]
 - (ii) Match Photographs A, B, C and D to each of the following coastal landforms by completing Table 1 below.

Table 1

Landform	Photograph
beach	
headland	
marsh	
sand dunes	

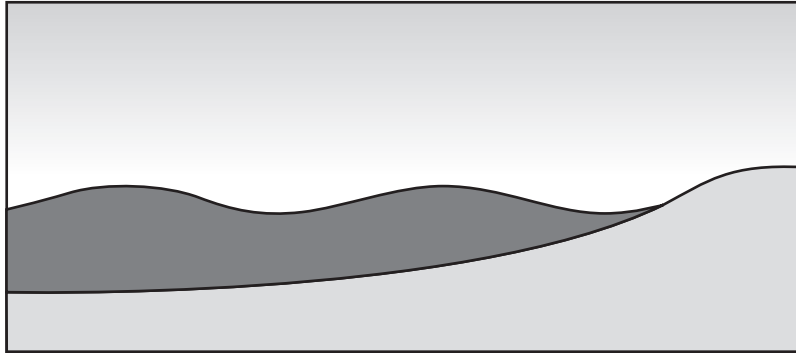
[2]

- (iii) Describe the conditions which are required for the development of coastal marsh.
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.....[3]

- (iv) Explain the formation of coastal sand dunes.
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.....[4]

(b) Study Fig. 5, showing constructive and destructive waves.

Constructive waves



Destructive waves

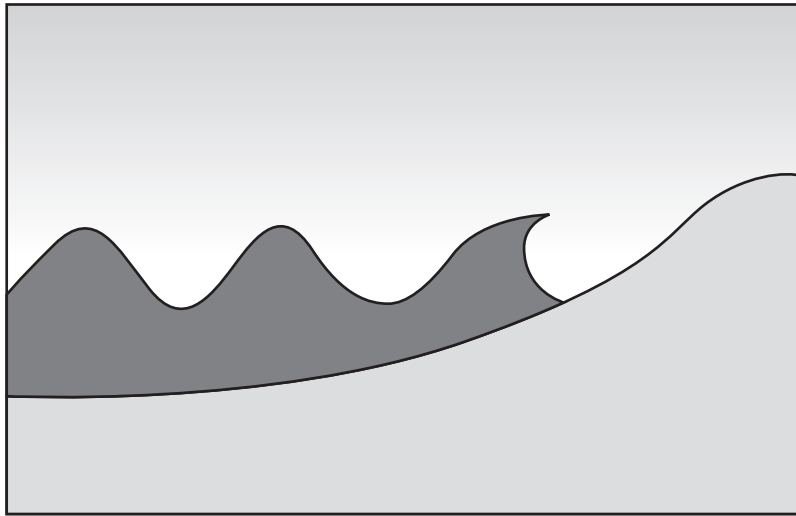


Fig. 5

(i) Describe **three** differences between constructive and destructive waves.

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

QUESTION 4

(a) Study Fig. 6, which shows annual average precipitation in west Africa.

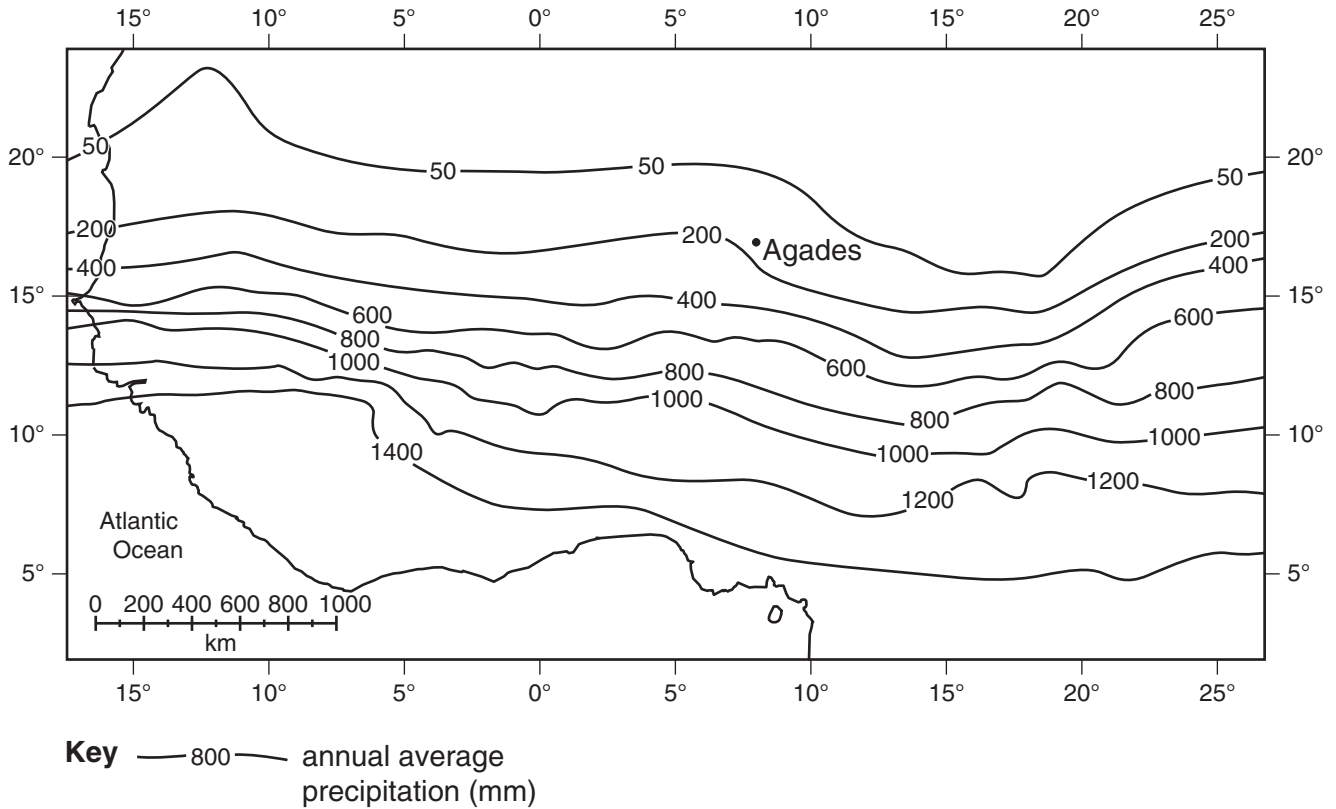


Fig. 6

(i) Estimate the annual average precipitation at Agades.

..... mm [1]

(ii) Suggest why daytime temperatures are high at Agades.

.....

 [2]

(iii) Explain why rainfall is low in areas such as Agades.

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 [3]

(iii) How can economic and political factors cause food shortages?

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.....[3]

(iv) Describe the effects of food shortages in LEDCs.

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.....[4]

(b) Study Fig. 9, which shows information about changes in agriculture in Malaysia (an LEDC) between 1985 and 2010.

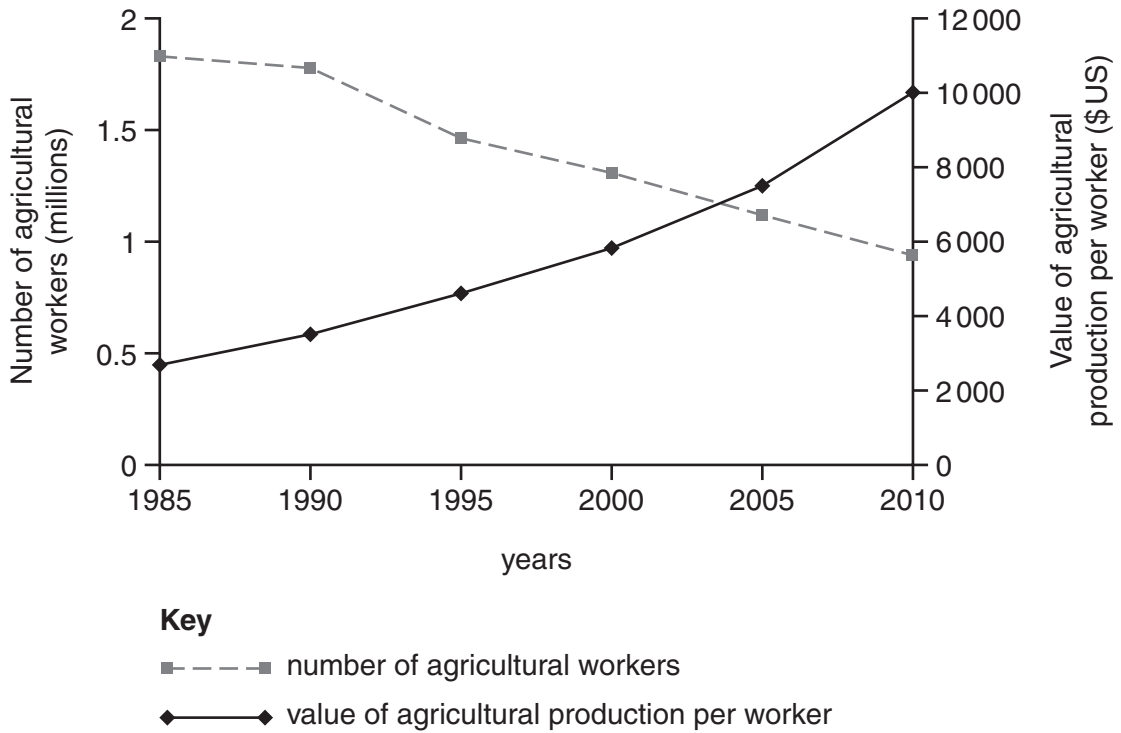


Fig. 9

(i) Describe the changes in employment in agriculture in Malaysia between 1985 and 2010. You should refer to data from Fig. 9.

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.....[3]

QUESTION 6

- (a) Study Fig. 10 which shows information about the use of fuelwood in six countries in Asia. Photograph E (Insert) shows fuelwood being collected.

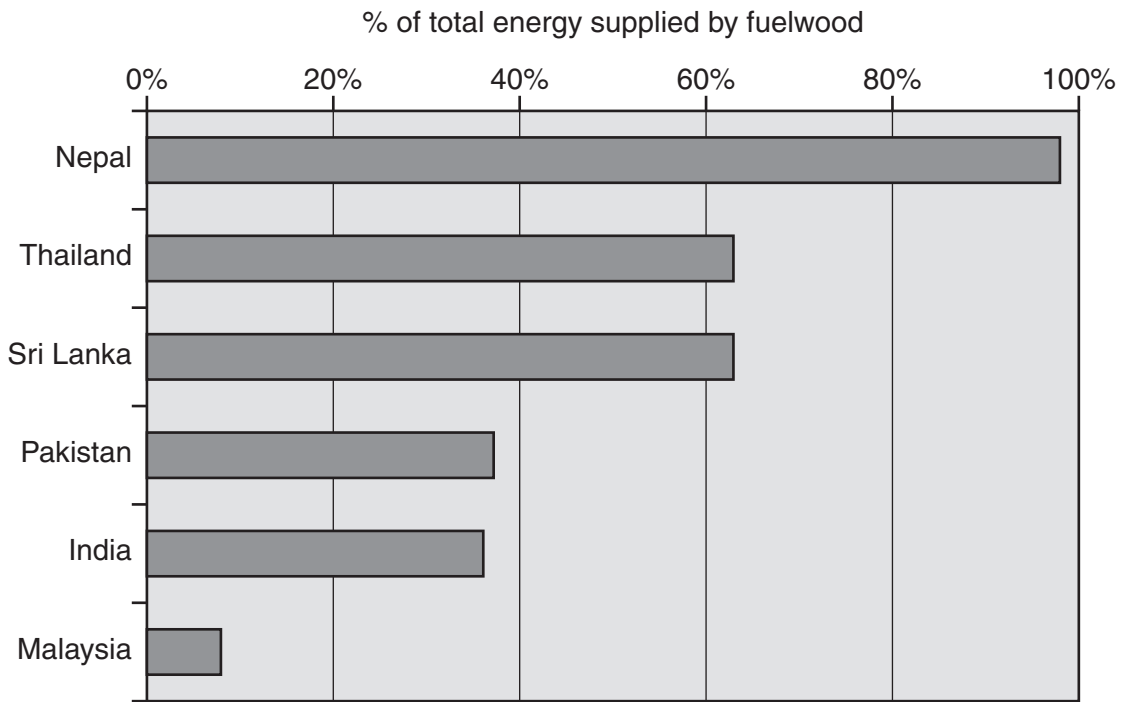


Fig. 10

- (i) Which country shown on Fig. 10 uses the largest percentage of fuelwood to supply energy?

.....[1]

- (ii) Give **two** different uses of fuelwood in LEDCs.

1

2[2]

(iii) Describe the problems of using large amounts of fuelwood for:

A people who live in LEDCs,

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

B the local natural environment.

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.....[4]

(b) Study Fig. 11, which shows information about global warming.

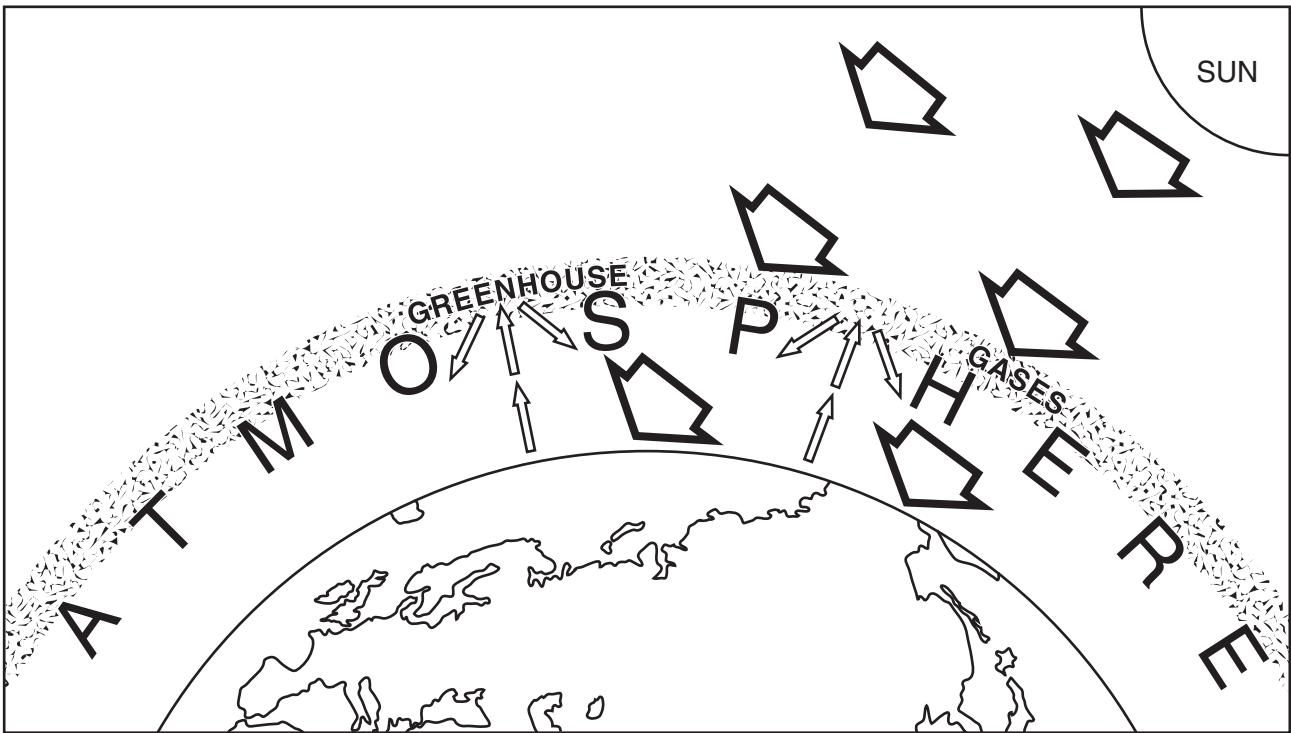


Fig. 11

(i) Using only information from Fig. 11, explain how the build up of greenhouse gases in the atmosphere is increasing global warming.

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.....[3]

