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General Certificate of Secondary Education  
June 2005



**GEOGRAPHY (SPECIFICATION B) (SHORT COURSE)**  
**Written Paper**  
**Higher Tier**

**3037/H**  
**H**

Monday 6 June 2005 9.00 am to 10.15 am

**In addition to this paper you will require:**  
the Ordnance Survey map extract (enclosed).  
You may use a calculator.

For Examiner's Use			
Number	Mark	Number	Mark
1			
2			
3			
4			
5			
6			
7			
8			
9			
Total (Column 1)		→	
Total (Column 2)		→	
TOTAL			
Examiner's Initials			

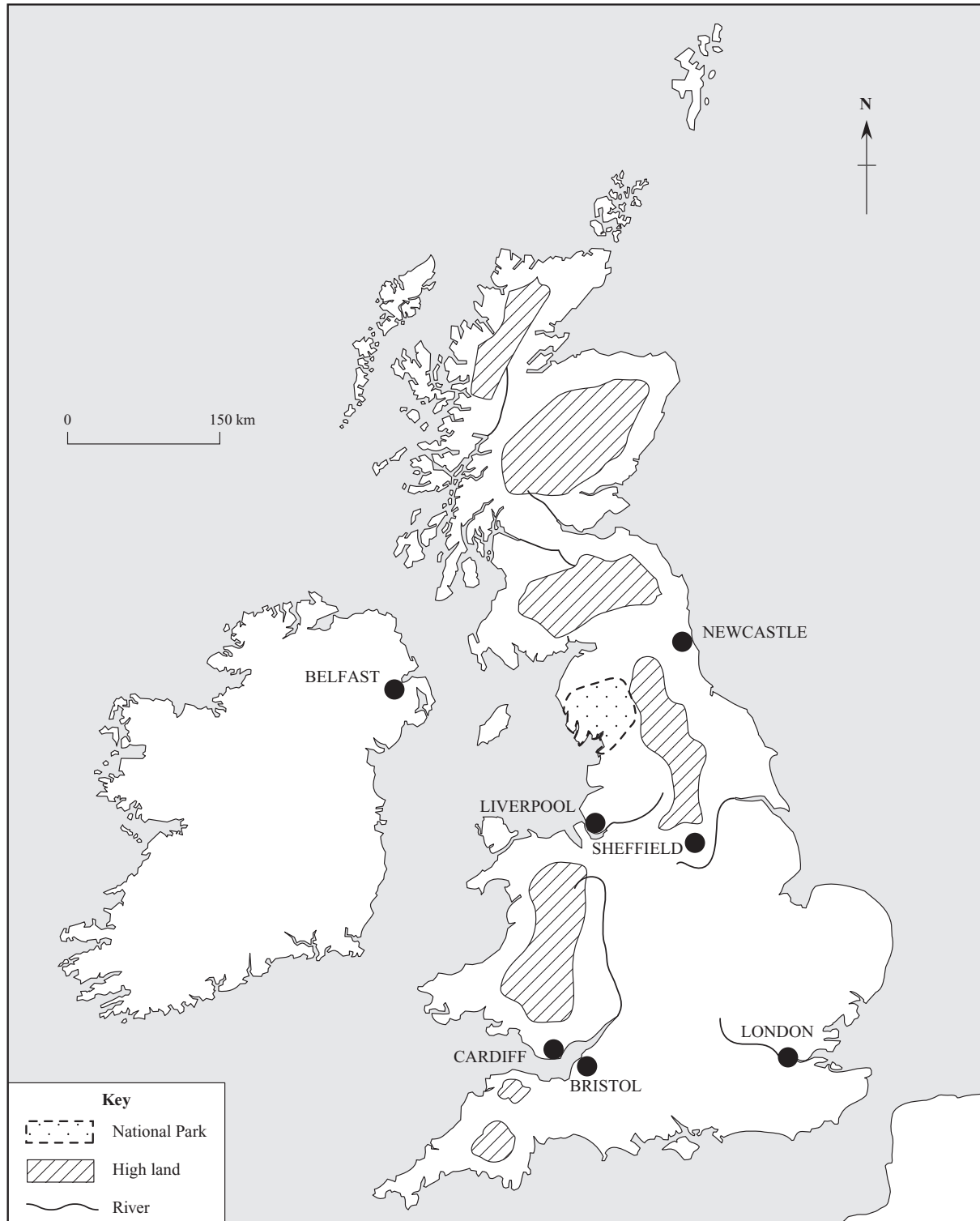
Time allowed: 1 hour 15 minutes

**Instructions**

- Use blue or black ink or ball-point pen for written answers. You may use pencil for maps, diagrams and graphs.
- Fill in the boxes at the top of this page.
- Answer **all** questions in the spaces provided.
- Do all rough work in this book. Cross through any work you do not want marked.

**Information**

- The maximum mark for this paper is 70.
- Mark allocations are shown in brackets.
- You will be assessed on your ability to use an appropriate form and style of writing, to organise relevant information clearly and coherently, and to use specialist vocabulary, where appropriate.
- An LEDC is a Less Economically Developed Country.
- An MEDC is a More Economically Developed Country.

**SECTION A – THE UNITED KINGDOM**Answer **all** questions.**1****Total for this question: 3 marks**Study **Figure 1**, a map of the British Isles.**Figure 1**

- (a) What is the name of the National Park shown?

.....  
(1 mark)

- (b) Locate and name on the map, **Figure 1**, **one** example of a coal-fired power station.  
(2 marks)

3

**TURN OVER FOR THE NEXT QUESTION**

**Turn over ►**

2

**Total for this question: 4 marks**

Using an example of a hill sheep farm in the Lake District that you have studied, describe how hill sheep farmers have diversified their activities.

Name of hill sheep farm .....

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*(4 marks)*



3

**Total for this question: 12 marks**

Study **Figure 2**, the Ordnance Survey map extract showing the rural-urban fringe on the northern edge of the city of Bristol.

(a) (i) What does the number 6 mean at grid reference 589848?

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*(1 mark)*

(ii) Using **Figure 2**, name **two** features which appear to have limited the growth of Bristol westwards and north-westwards.

1 .....

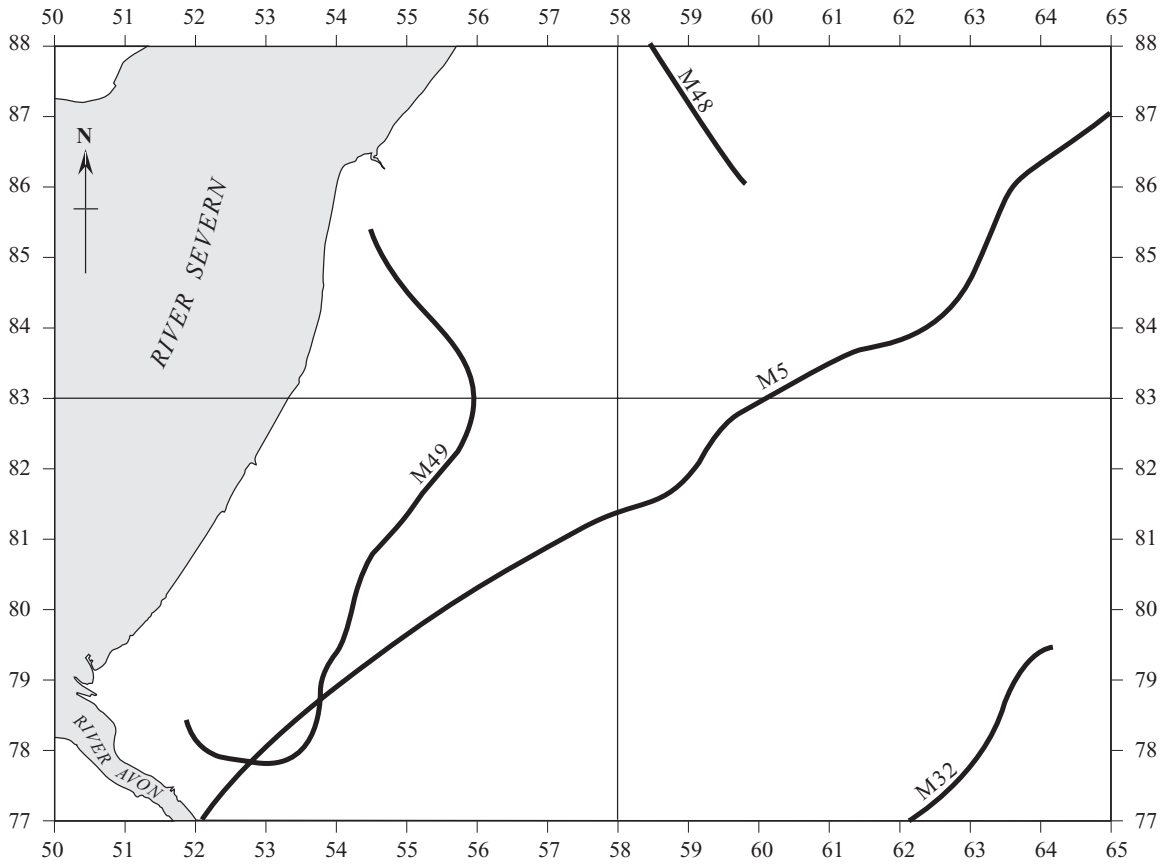
2 .....

*(2 marks)*

**QUESTION 3 CONTINUES ON THE NEXT PAGE**

**Turn over ►**

**Figure 3** is a partly-completed sketch of the map extract, **Figure 2**.



**Figure 3**

(iii) Using **Figure 2**, draw the route of the M4 on **Figure 3**.

*(2 marks)*

(b) Give one piece of evidence that suburbanisation is taking place in this area of Bristol.

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*(1 mark)*

(c) A factory has become vacant in the M4 corridor on the Aztec West industrial estate (grid square 6082 in **Figure 2**).

Using evidence from the Ordnance Survey map extract, **Figure 2**, and your own knowledge, explain the advantages to modern footloose industries of locating in the M4 corridor.

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(6 marks)

12

**TURN OVER FOR THE NEXT QUESTION**

**Turn over** ►

**SECTION B – THE EUROPEAN UNION**

Answer **all** questions.

**4**

**Total for this question: 9 marks**

The European Union can be divided into a core and a periphery.

(a) What is the meaning of the term “core”?

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.....

*(1 mark)*

(b) Choose **one** of the following conurbations in the core of the EU:

Rotterdam/Europoort

The Ruhr conurbation

The Paris region

The Milan/Turin/Genoa industrial triangle

Write down **four** facts which have been important for the growth of your chosen conurbation.

Name of chosen conurbation .....

1 .....

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2 .....

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3 .....

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4 .....

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*(4 marks)*



- (c) Planning is important in these conurbations. Describe the main features of a planning issue in your chosen conurbation.

Planning issue .....

Chosen conurbation .....

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(4 marks)



**TURN OVER FOR THE NEXT QUESTION**

**Turn over ►**

5

**Total for this question: 8 marks**

Mediterranean Spain is part of the periphery of the EU.

- (a) What is the meaning of the term “periphery”?

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 .....  
 (1 mark)

- (b) Give **one** reason why Mediterranean Spain will increasingly suffer water shortages.

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 (1 mark)

- (c) Study **Figure 4** on tourist development in Mediterranean Spain.



**Figure 4**

Using **Figure 4** and your own knowledge, explain how tourist developments can have a bad effect on the environment of Mediterranean Spain.

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*(6 marks)*



**TURN OVER FOR THE NEXT QUESTION**

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## SECTION C – THE WIDER WORLD

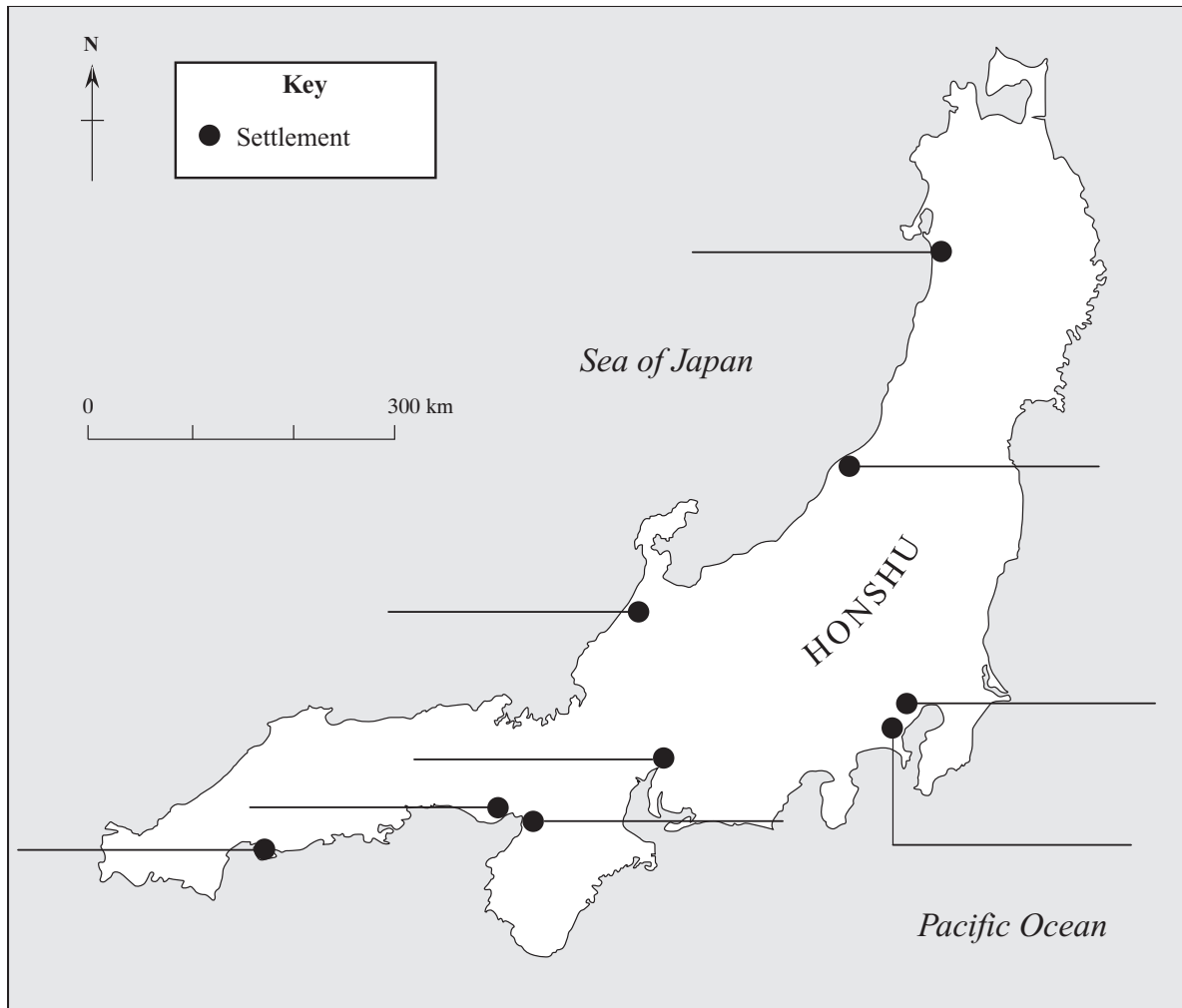
Answer **all** questions.

6

Total for this question: 13 marks

- (a) Study **Figure 5**, a map of the Japanese island of Honshu.

Name, on the map, **four** of the settlements marked by dots.



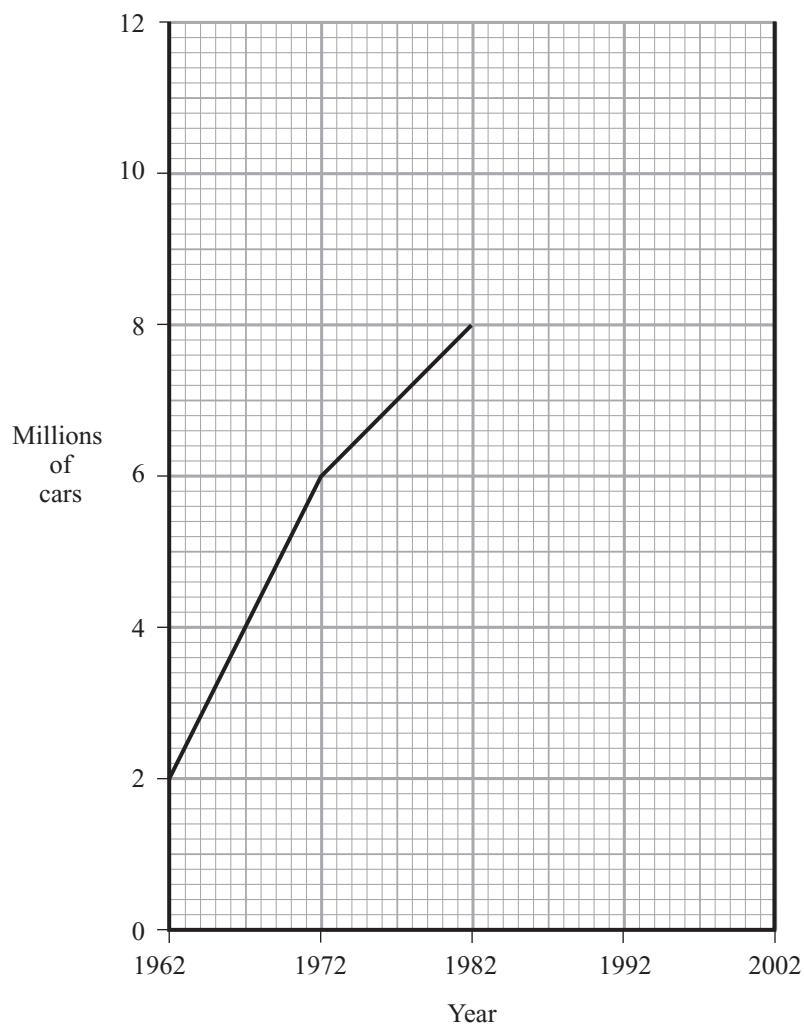
**Figure 5**

(4 marks)

- (b) Using the figures in **Figure 6** complete the graph, **Figure 7**, to show car production in Japan between 1962 and 2002.

Year	Cars produced (in millions)
1992	9.0
2002	10.5

**Figure 6**



**Figure 7**

*(3 marks)*

**QUESTION 6 CONTINUES ON THE NEXT PAGE**

**Turn over ►**

(c) Study **Figures 8** and **9**, maps of car assembly and car component factories in Japan.

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Describe and explain the distribution of the car assembly and car component factories.

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*(6 marks)*

13

**TURN OVER FOR THE NEXT QUESTION**

**Turn over ►**

7

**Total for this question: 4 marks**

Study **Figure 10** which gives details of a subsistence farmer’s year in the Ganges Delta.

Month	Farming Activity
May	Prepare seed bed for rice
June	Rice planted in nurseries
July	Manure ploughed in using a bullock-drawn plough
August	Rice plants transplanted
September	Weeding by hand
October	Weeding by hand
November	Water drained from field
December	Harvesting of rice
January	Fields ploughed
February	Millet and beans planted
March	Weeding by hand
April	Harvest of millet and beans

**Figure 10**

Use your knowledge of the main features of the monsoon climate to explain how the weather in the Ganges Delta influences the farmer’s activities through the year.

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*(4 marks)*





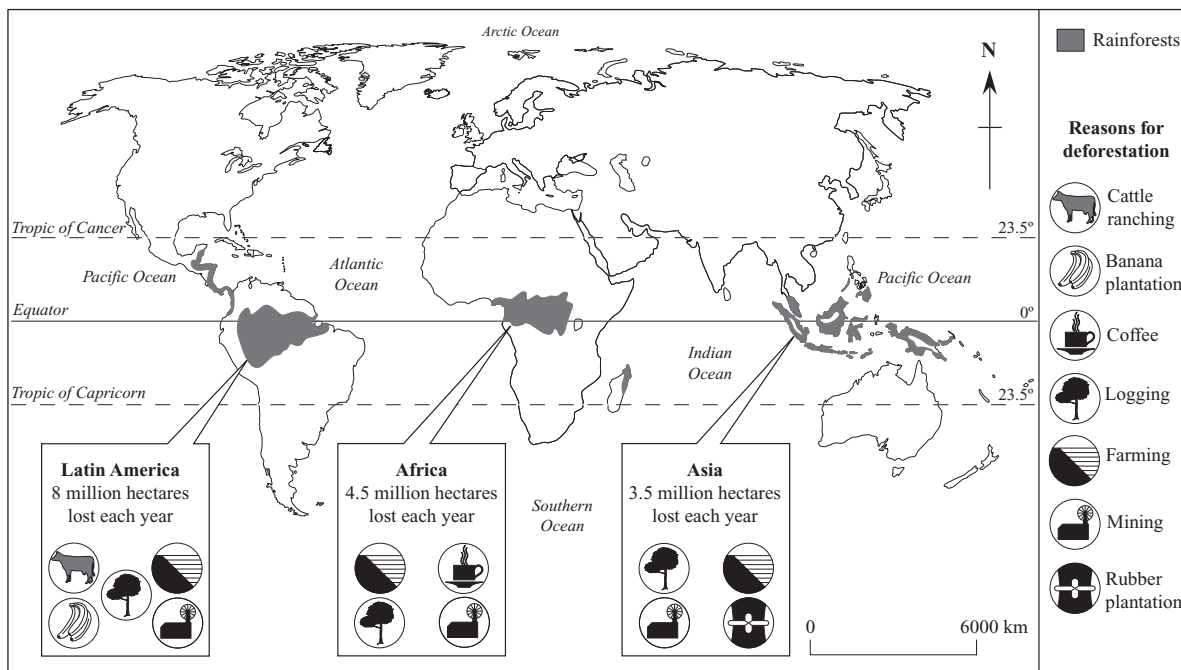
**SECTION D – GLOBAL ISSUES**

Answer **all** questions.

8

**Total for this question: 10 marks**

Study **Figure 11**, which gives information about the destruction of the rainforest in Equatorial regions of the world.



**Figure 11**

(a) What does **Figure 11** show about the destruction of the rainforest?

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(3 marks)

**QUESTION 8 CONTINUES ON THE NEXT PAGE**

**Turn over** ►

(b) Explain the link between the destruction of the rainforest and the greenhouse effect.

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*(4 marks)*

(c) Explain how a change in the way energy is produced could lead to a reduction in global warming.

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*(3 marks)*

10

9

Total for this question: 7 marks

- (a) Name **one** international aid organisation.

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(1 mark)

- (b) In 1987, a UK charity taught a group of women potters in Kenya how to make an *upes*, an efficient wood-burning stove, which is shown in **Figure 12**. It uses less than half the wood of an open fire and can also burn maize stalks and dry sugar cane.



Figure 12

Explain why the use of the *upes* is an example of sustainable development.

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(2 marks)

QUESTION 9 CONTINUES ON THE NEXT PAGE

Turn over ►

(c) Explain the advantages of long-term aid over short-term aid to an LEDC like Kenya.

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(4 marks)

7

**END OF QUESTIONS**

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Figures 8 & 9: from Global Superpower by Mel Rockett and Celia Tidmarsh. Reprinted by permission of Harcourt Education.

Figure 14: ITDG/Neil Cooper

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