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KU

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Total Marks

1260/403

NATIONAL
QUALIFICATIONS
2007

TUESDAY, 8 MAY
10.25 AM–11.50 AM

GEOGRAPHY
STANDARD GRADE
General Level

Fill in these boxes and read what is printed below.

Full name of centre

Town

Forename(s)

Surname

Date of birth

Day Month Year

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Scottish candidate number

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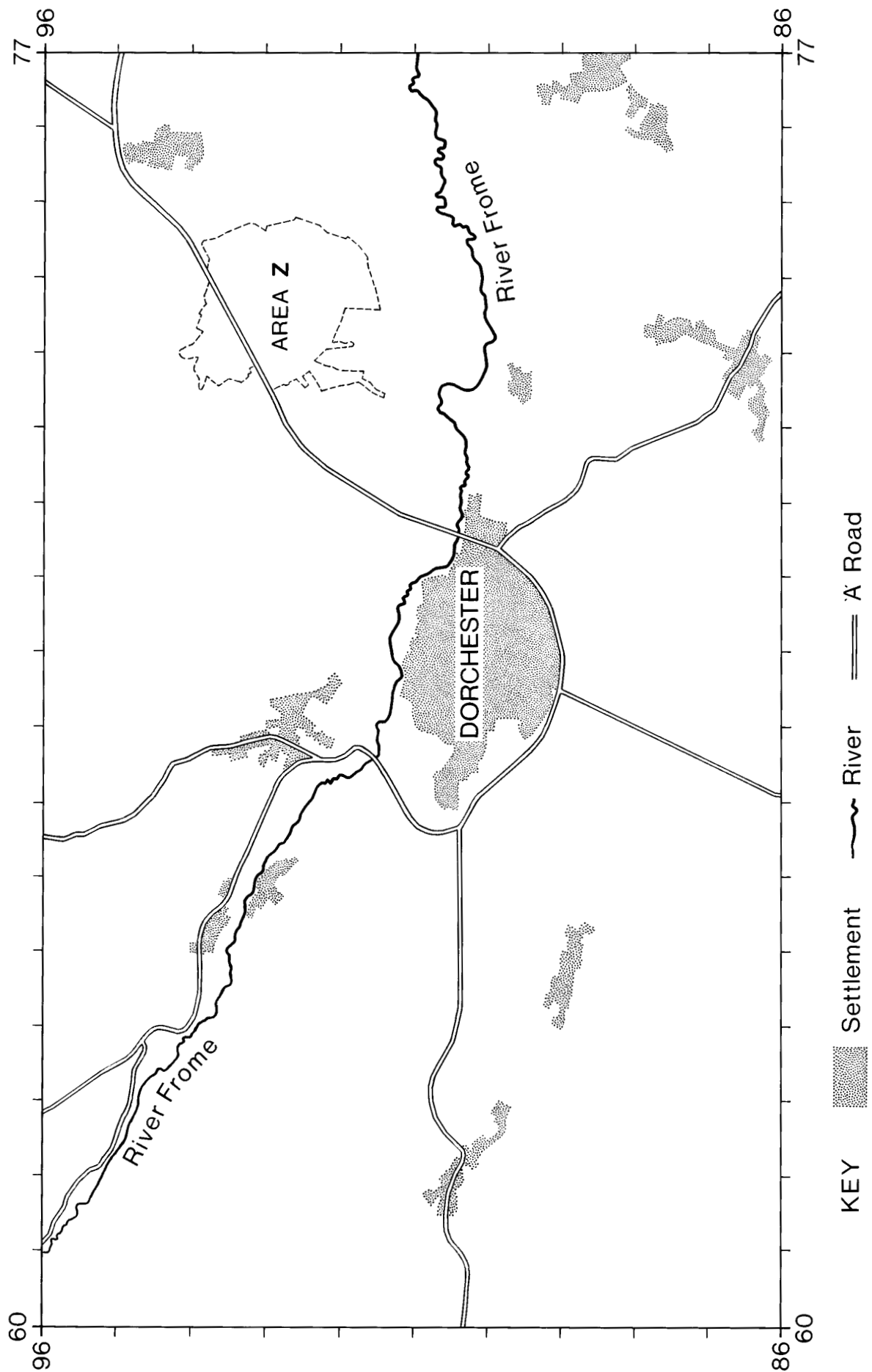
Number of seat

- 1 Read the whole of each question carefully before you answer it.
- 2 Write in the spaces provided.
- 3 Where boxes like this ☐ are provided, put a tick ✓ in the box beside the answer you think is correct.
- 4 Try all the questions.
- 5 Do not give up the first time you get stuck: you may be able to answer later questions.
- 6 Extra paper may be obtained from the invigilator, if required.
- 7 Before leaving the examination room you must give this book to the invigilator. If you do not, you may lose all the marks for this paper.



1.

Reference Diagram Q1: The Dorchester Area



*Marks***1. (continued)**

Look at the Ordnance Survey Map Extract (No 1557/194) of the Dorchester area and Reference Diagram Q1 on Page two.

- (a) Complete the table below by matching the physical features to the correct grid references.

Choose from: 6586 7490 6193 6286

Physical Feature	Grid Square
Steep southwest facing slopes	
Flat land	
Broad ridge running East–West	
V-shaped valley	

3

- (b) Describe the **physical** features of the River Frome **and** its valley between grid references 610959 and 700909.

4**[Turn over**

1. (continued)

- Give reasons for your choice of techniques.

Reason: _____

Reason: _____

Using map evidence, give arguments for **and** against this proposal.

Against: _____

4

*Marks***1. (continued)**

- (e) **Explain** why Dorchester has expanded west into grid square 6790 and not north into grid square 6991.

Refer to both grid squares in your answer.

3

- (f) Which is the more likely function of Dorchester?

Tick (✓) your choice.

Tourist resort ☐ Market town ☐

Give map evidence to support your choice.

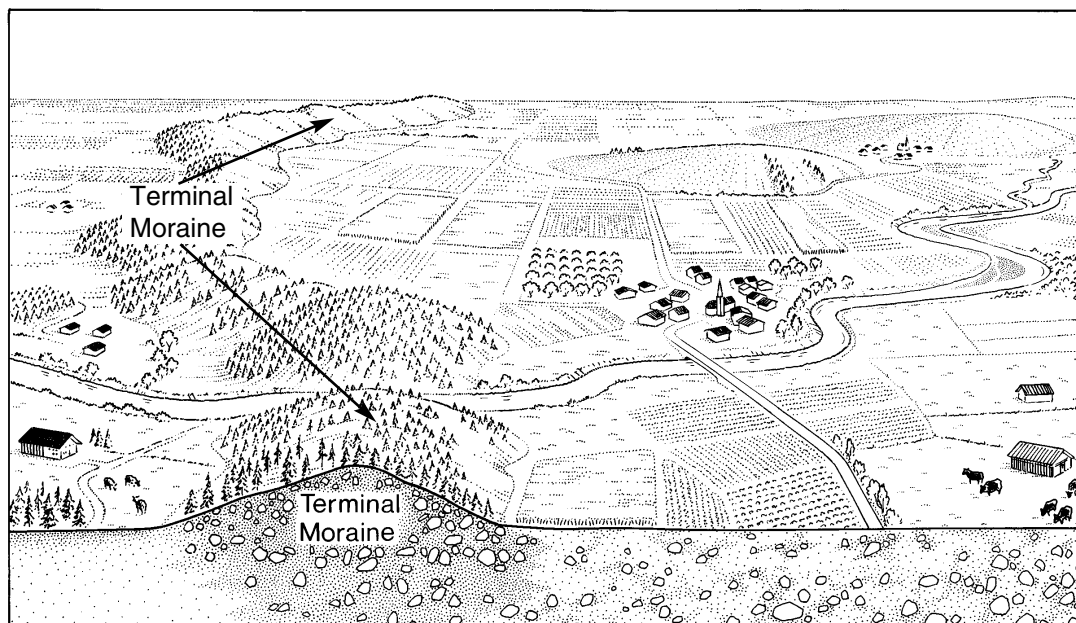
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- (g) What are the **disadvantages** of the location of Maiden Castle Farm (grid square 6789)?

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Marks

2. Reference Diagram Q2: A Glaciated Lowland



Look at Reference Diagram Q2.

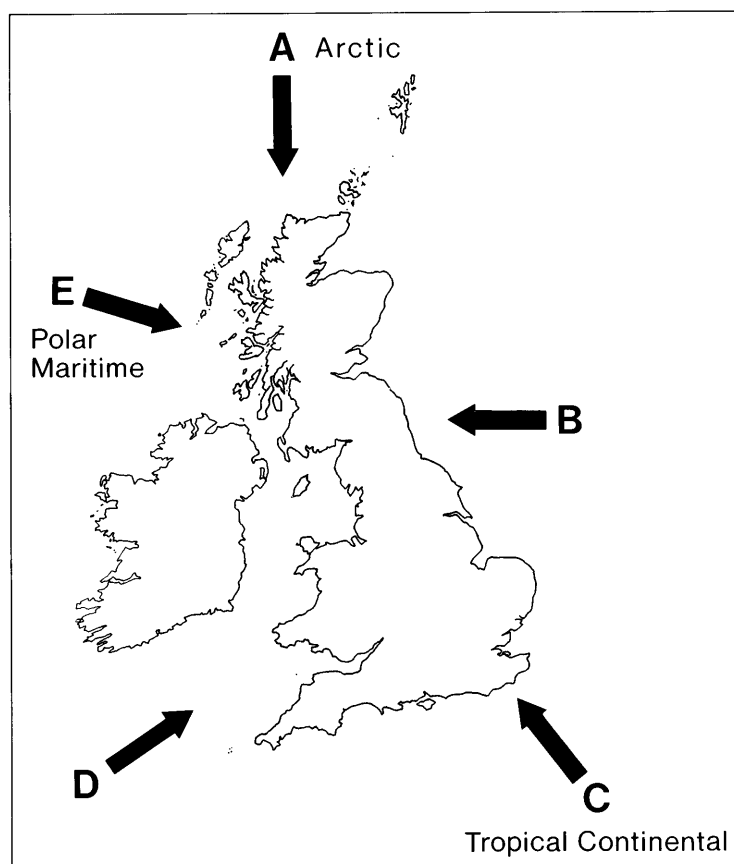
Explain how a terminal moraine is formed.

You may wish to use diagram(s) to illustrate your answer.

(Space for diagrams)

Marks

3. Reference Diagram Q3: Air Masses affecting the British Isles



Look at Reference Diagram Q3.

(a) Name air masses B and D.

B _____

D _____

2

(b) **Describe** the benefits **and** problems of a long spell of weather caused by air mass C in summer.

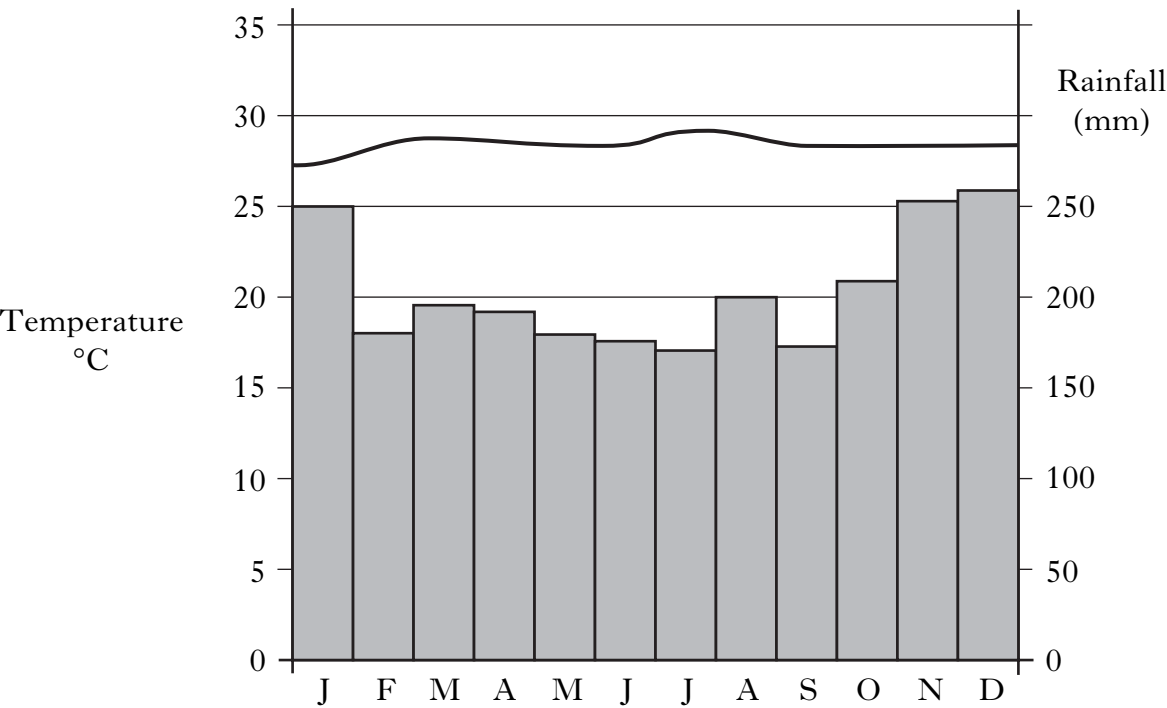
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4. Reference Diagram Q4A: A Tropical Rainforest Climate Graph

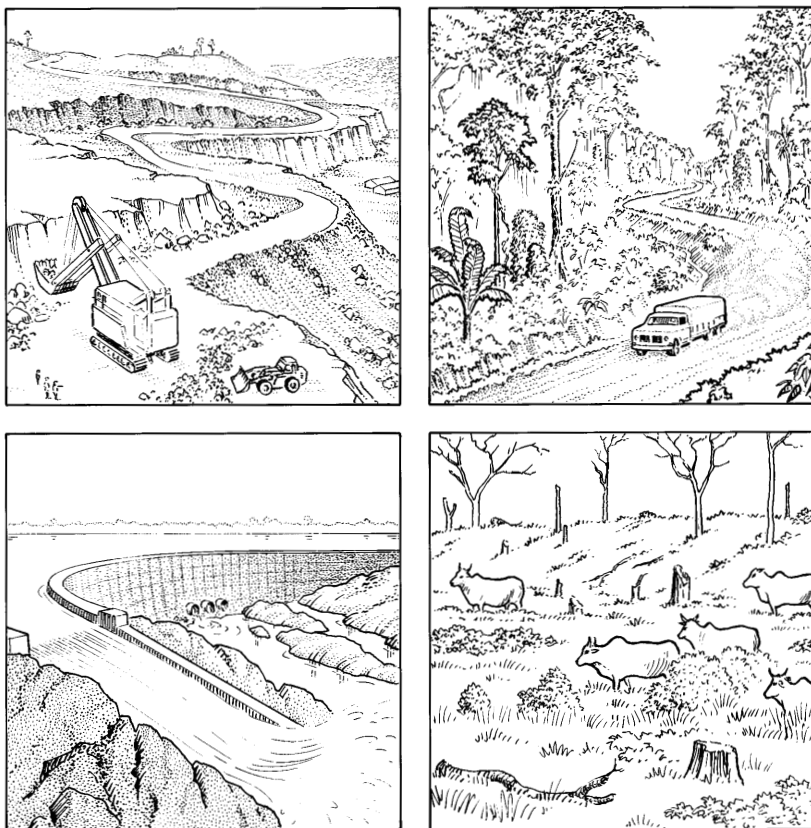


- (a) Look at Reference Diagram Q4A.
Describe, **in detail**, the climate of a tropical rainforest.

3

Marks

4. (continued)

Reference Diagram Q4B: Developments in the Rainforests of Brazil

(b) Look at Reference Diagram Q4B.

“Developments in rainforests have brought many benefits to local people.”

Do you agree with the above statement?

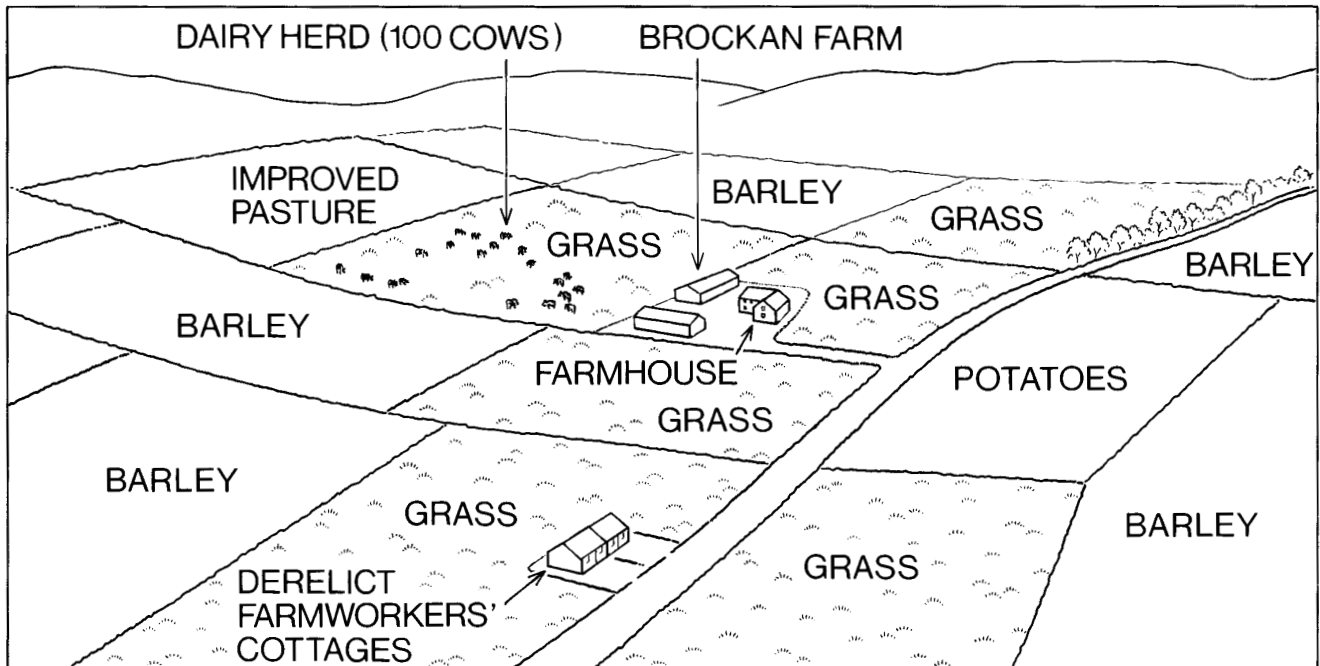
Explain your answer.

4

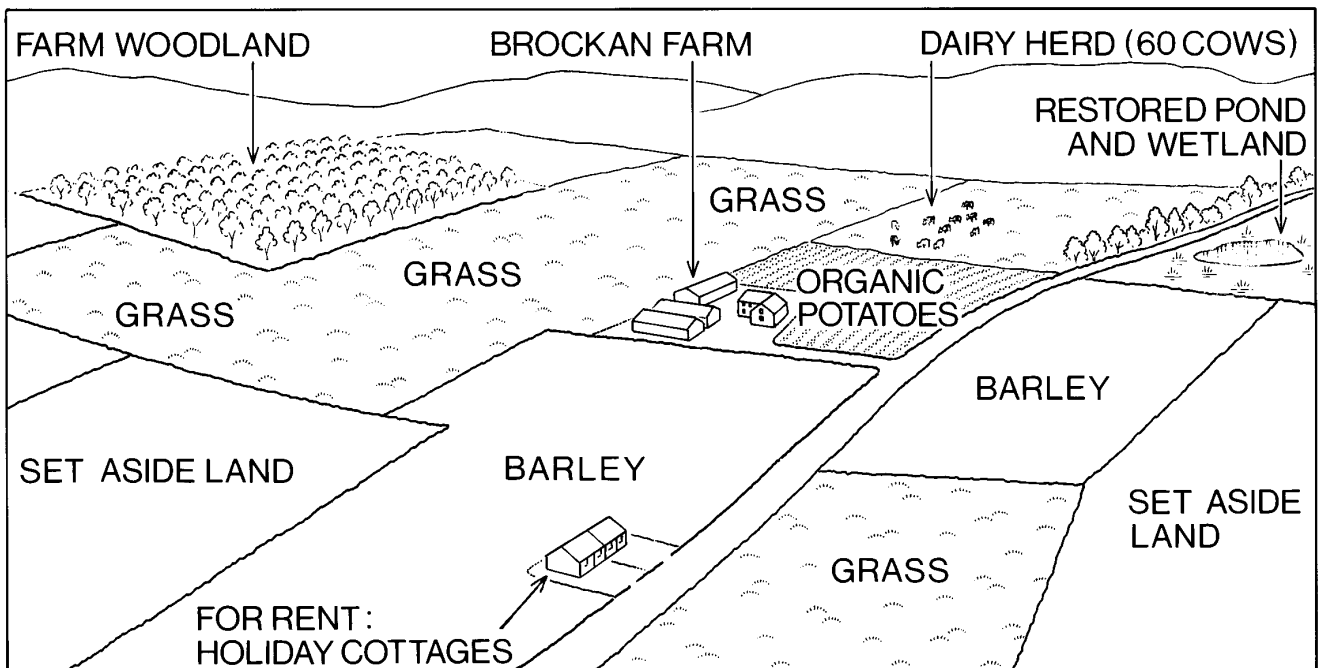
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5.

Reference Diagram Q5A: Brockan Farm in 1977



Reference Diagram Q5B: Brockan Farm in 2007









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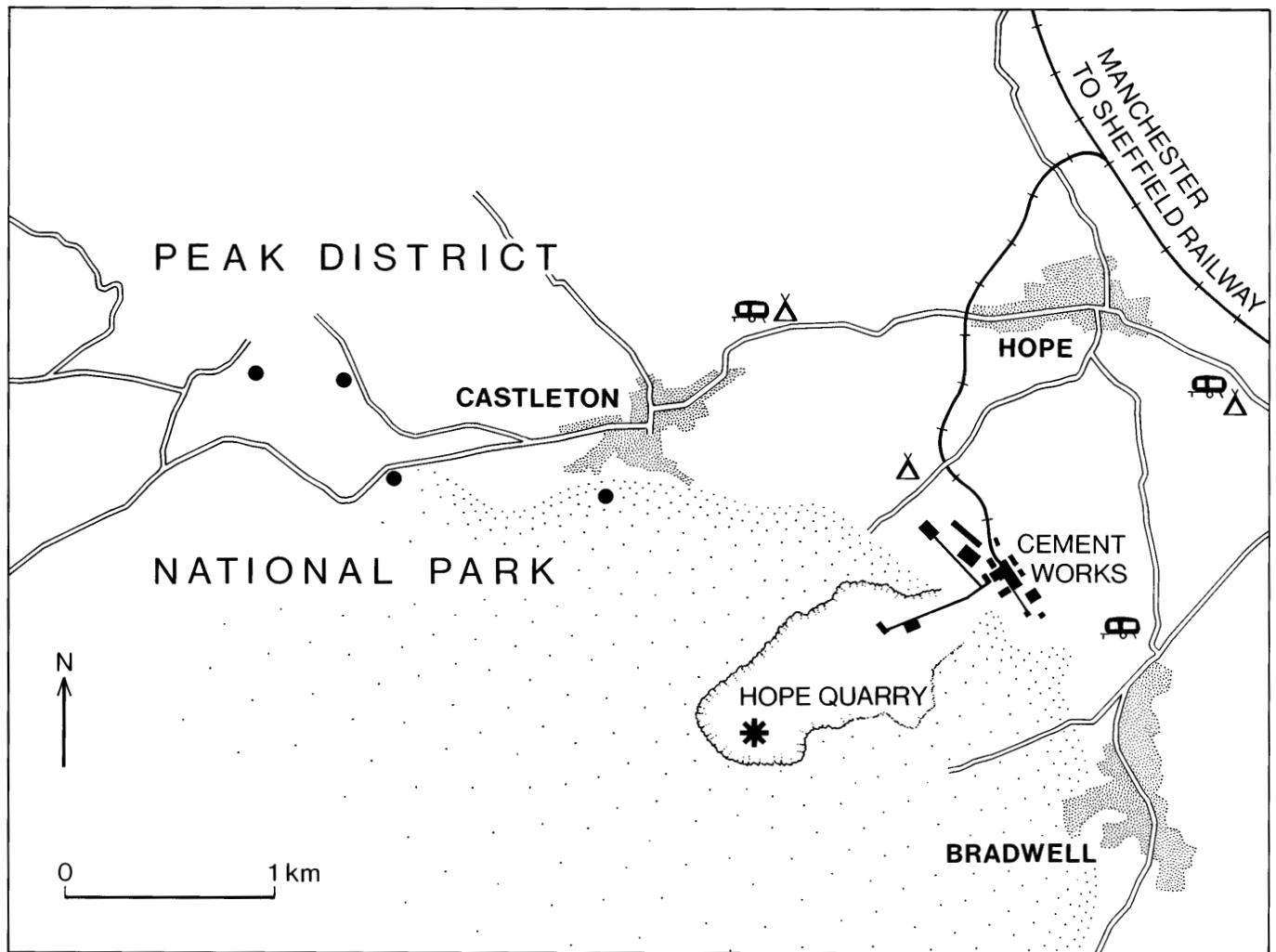
Land Use	% of Total Land
Grass	45%
Barley	25%
Woodland	10%
Set aside	10%
Organic potatoes	5%
Restored wetland	5%

-
- | Frequency | Percentage |
|-----------|------------|
| Never | 18% |
| Rarely | 22% |
| Sometimes | 15% |
| Often | 25% |
| Always | 20% |

 grass
  barley
 woodland
  set aside
 organic potatoes
  restored wetland

6.

Reference Diagram Q6: Location of a Cement Works



* LIMESTONE , THE MAIN RAW MATERIAL IN THE MANUFACTURE OF CEMENT

KEY	●	LIMESTONE CAVES (OPEN TO PUBLIC)	—+—+—	RAILWAY
	🚐	CARAVAN SITE	=====	ROAD
	△	CAMPSITE	⋯⋯⋯	LIMESTONE HILLS
	■	BUILT UP AREA		

*Marks***7. Reference Diagram Q7: Population Data—India**

Year	Population in Millions
1945	336
1955	395
1965	482
1975	600
1985	749
1995	934
2005	1095

Look at Reference Diagram Q7.

- (a) “In an Economically Less Developed Country such as India, the population figures taken from census records are likely to be unreliable.”

UN spokesperson

Do you agree with the above statement?

Give reasons for your answer.

3

7. (continued)

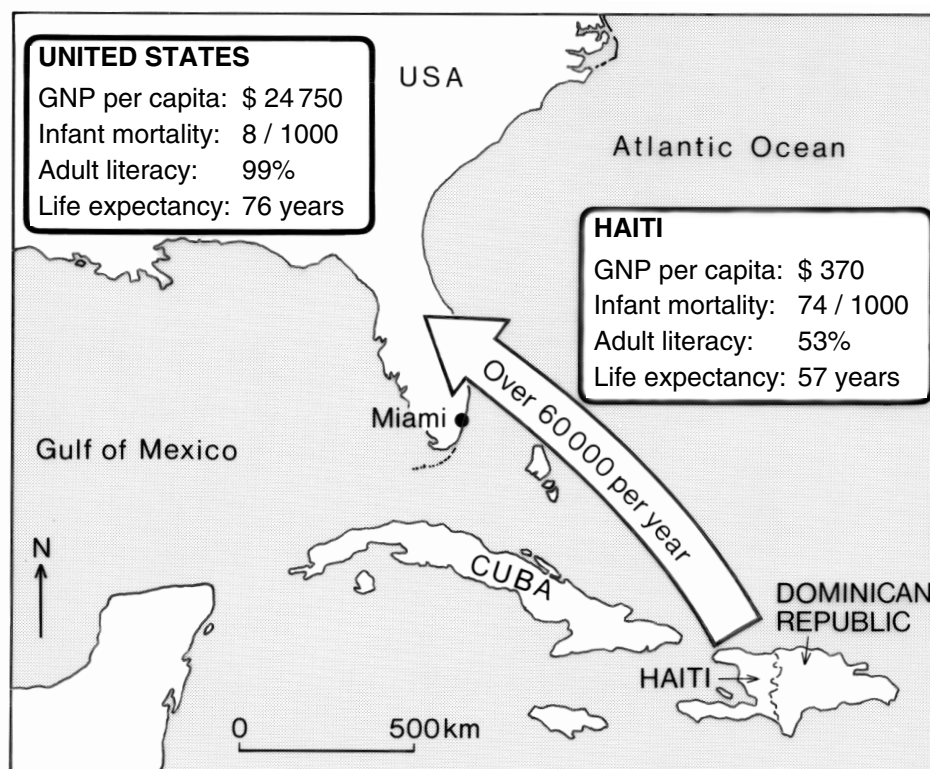
- Explain your choice(s).

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8. Reference Diagram Q8: Migration from Haiti to USA, 1990–95

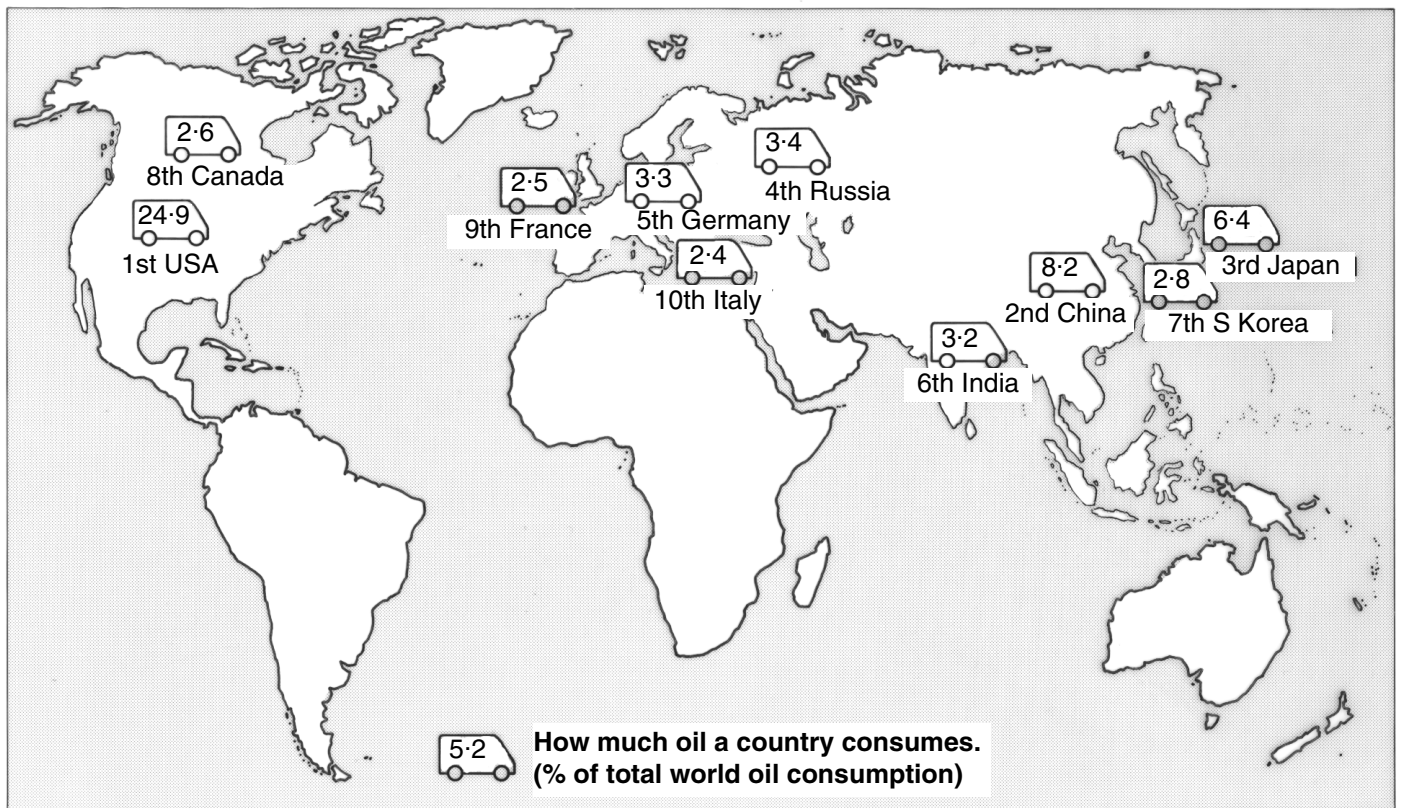


Look at Reference Diagram Q8.

Referring to the data shown, **explain** why so many people migrated from Haiti to USA between 1990 and 1995.

4

9. Reference Diagram Q9: Selected World Oil Consumption, 2005



Study Reference Diagram Q9.

Explain why certain areas such as the USA, Europe and Japan use such a great amount of the world's oil.

DO NOT
WRITE IN
THIS
MARGIN

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Marks

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10. Reference Diagram Q10: Effects of Asian Tsunami, December 2004

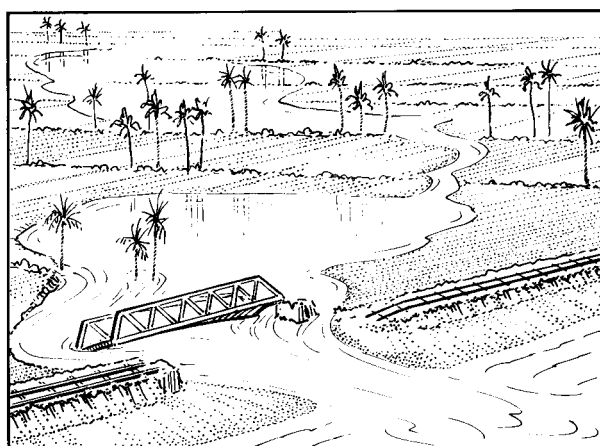
**Damage in Nam Khem village,
Thailand**



**Devastation at Petang beach resort,
Thailand**



Farmland destroyed, Sri Lanka



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10. (continued)

Study Reference Diagram Q10.

“Immediate help is essential but we also need long term aid for a full recovery.”

Government spokesperson

For this type of natural disaster, **describe** what could be done to help these areas **in the longer term**.

4

[END OF QUESTION PAPER]

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