

**1260/405**

NATIONAL  
QUALIFICATIONS  
2007

TUESDAY, 8 MAY  
1.00 PM – 3.00 PM

GEOGRAPHY  
STANDARD GRADE  
Credit Level

All questions should be attempted.

Candidates should read the questions carefully. Answers should be clearly expressed and relevant.

Credit will always be given for appropriate sketch-maps and diagrams.

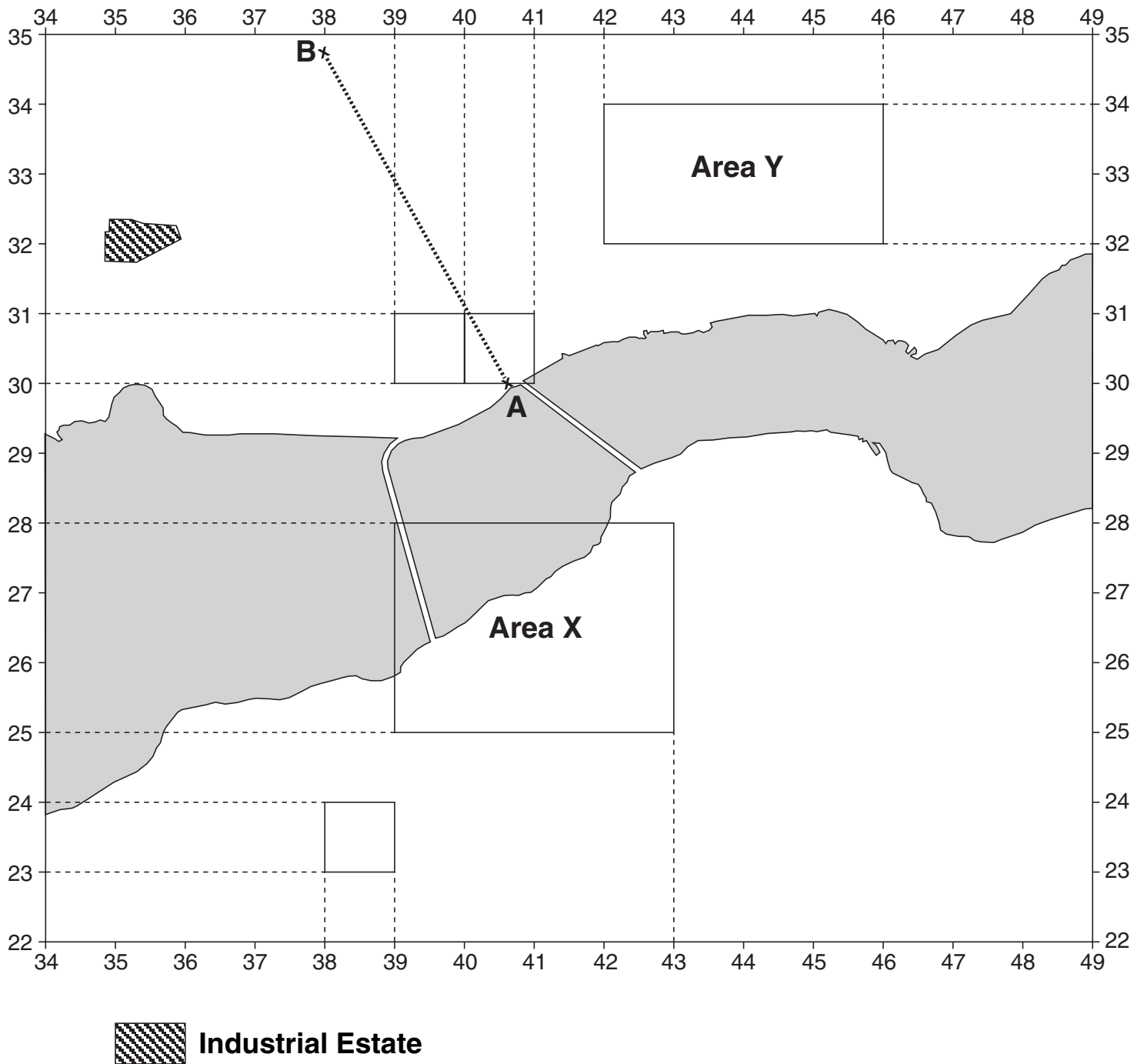
Write legibly and neatly, and leave a space of about one centimetre between the lines.

All maps and diagrams in this paper have been printed in black only: no other colours have been used.



1.

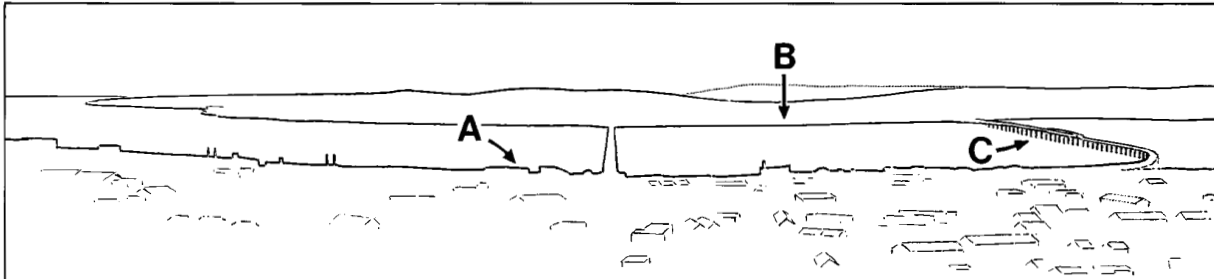
# Reference Diagram Q1A



1. (continued)

This question refers to the OS Map Extract (No 1558/54) of the Dundee area.

**Reference Diagram Q1B: View SE from Dundee Law 392313**



(a) Study Reference Diagram Q1B and the map extract.

Identify the **three** features A, B and C.

Choose from:

Railway Bridge; Tayport; Discovery Point; Road Bridge;

Docks; Newport on Tay.

3

(b) Find Area X on Reference Diagram Q1A (see *Page two*) and on the OS map extract.

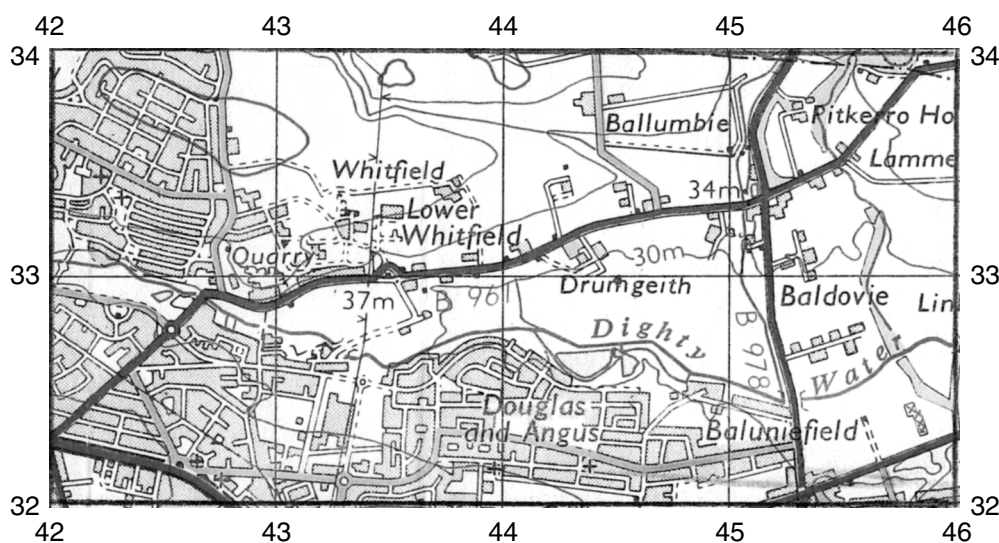
Referring to map evidence, **explain** the way in which the **physical** landscape has affected land use in this area.

4

[Turn over

1. (continued)

Reference Diagram Q1C: Area Y in the Year 1971



- (c) Look at Reference Diagram Q1C.

Find Area Y on Reference Diagram Q1A and on the OS map extract.

**Describe** how the land use changes in the area since 1971 have **both** benefited **and** created problems for the area and its people.

5

- (d) Mr Dick works in grid square 4030 and lives in a flat in grid square 3930. He is considering moving house to Gauldry 3823.

Do you think he should make this move?

Using map evidence, give reasons for your answer.

5

- (e) Refer to Reference Diagram Q1A.

A group of students intends to gather information about differences in urban land use along transect AB (407300 to 380348).

Describe, in detail, the gathering techniques they might use.

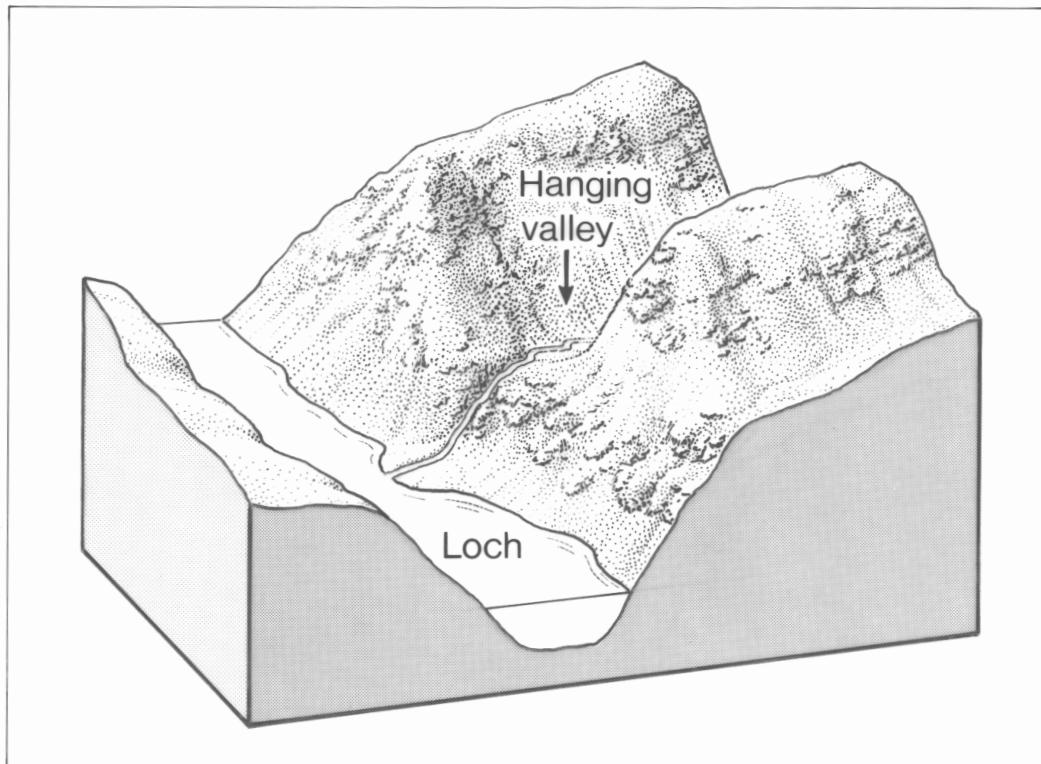
Give reasons for your choice of techniques.

5

- (f) **Explain** the location of the industrial estate at 3532.

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2.

**Reference Diagram Q2: A Hanging Valley**

Look at Reference Diagram Q2.

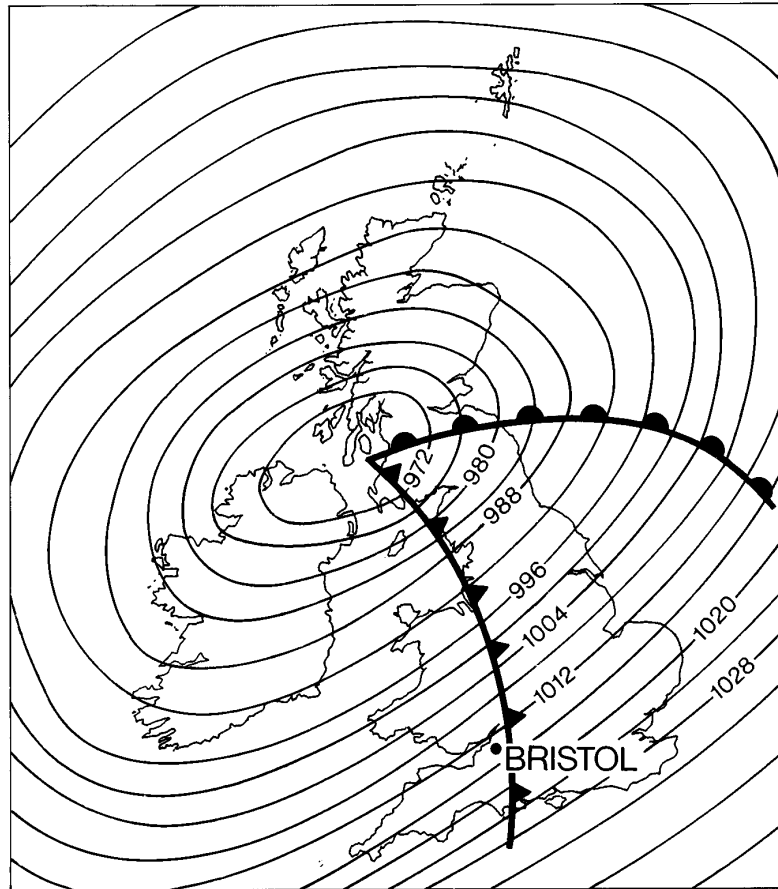
**Explain** how a hanging valley is formed.

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

4

**[Turn over**

3. Reference Diagram Q3A: Synoptic Chart 12 noon, 18 November 2006



Reference Diagram Q3B: Two Sets of Weather Information

	Set X	Set Y
Temperature	5 °C	12 °C
Wind speed	35 knots	10 knots
Wind direction	SW	E
Precipitation	Heavy rain	Steady rain
Cloud amount	7 oktas	4 oktas
Cloud type	Cumulonimbus	Stratus

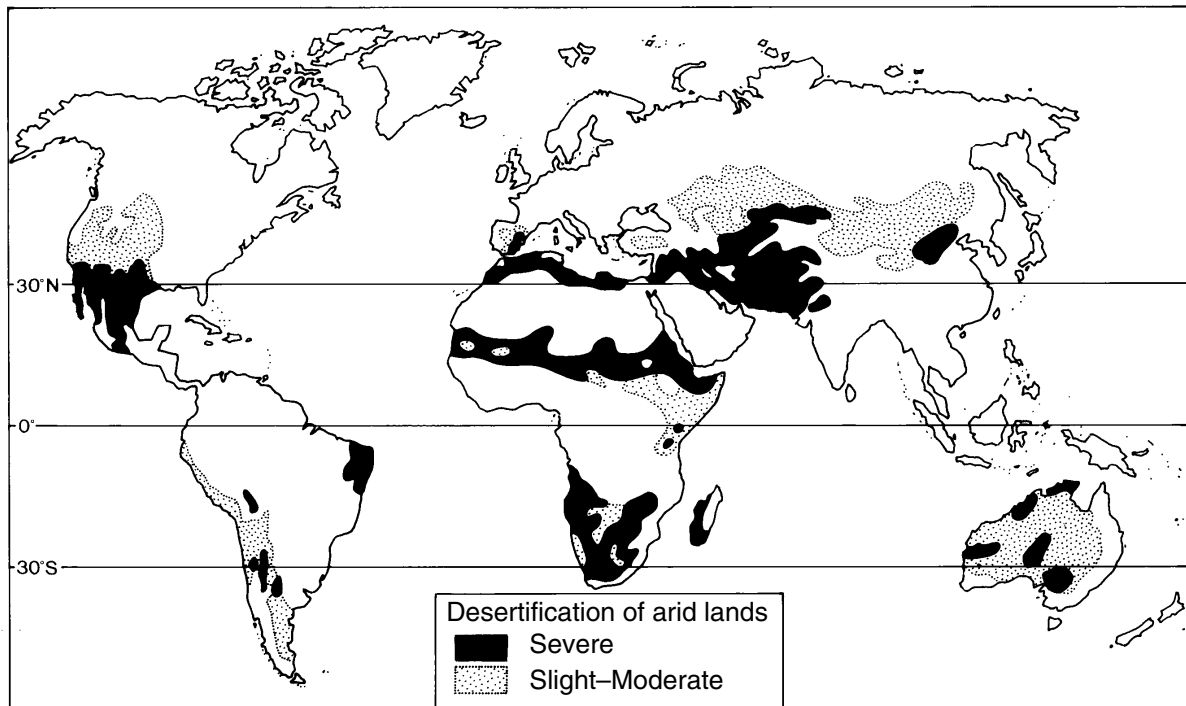
Look at Reference Diagrams Q3A and Q3B.

Which set of weather information, X or Y, is correct for Bristol?

**Explain** your choice in detail.

4.

**Reference Diagram Q4: Desertification**



Physical Causes of Desertification
Unreliable rainfall
Wind
High temperatures

Human Causes of Desertification
Population increase
Overgrazing/overcropping
Removing trees for firewood

Look at Reference Diagram Q4.

(a) Desertification is a major problem in many areas of the world.

Choose **one** physical and **one** human cause and **explain** why each of them is a major reason for desertification.

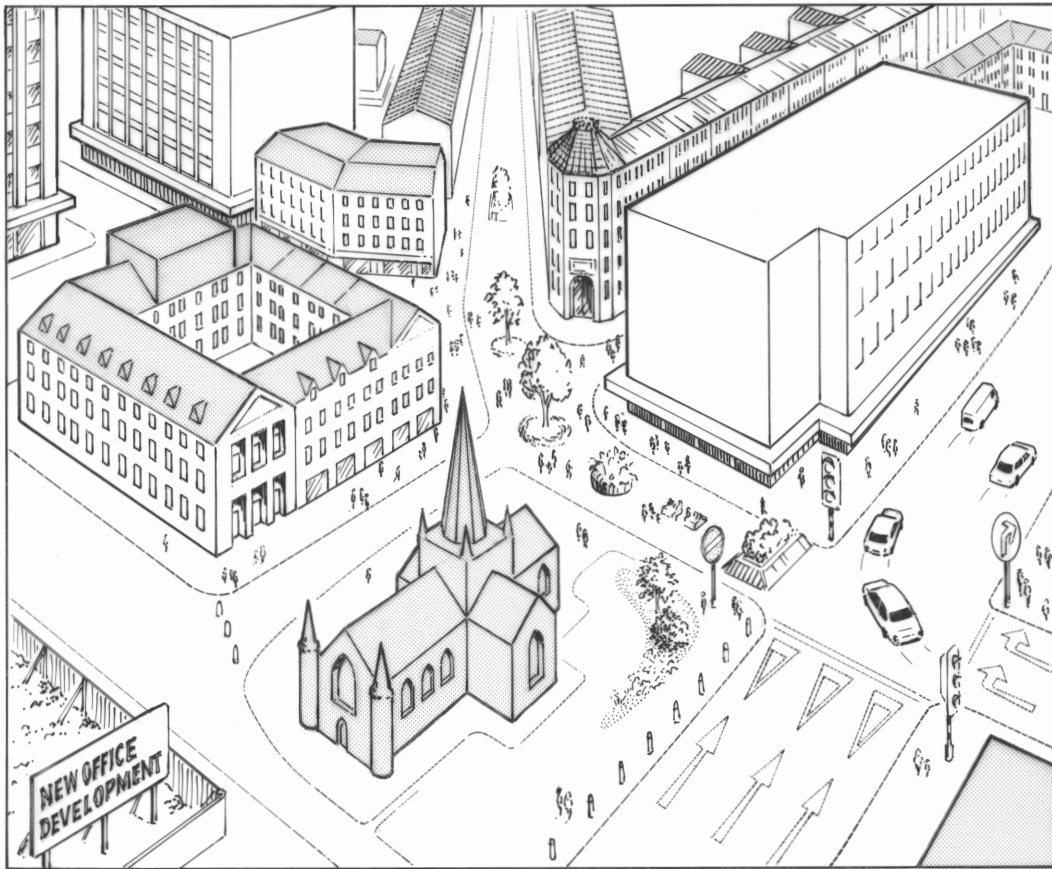
4

(b) **Describe**, in detail, ways in which desertification can be overcome.

4

[Turn over

5. **Reference Diagram Q5: Central Business District of a Large City**



Study Reference Diagram Q5.

In recent years many changes have taken place in the Central Business Districts of British cities.

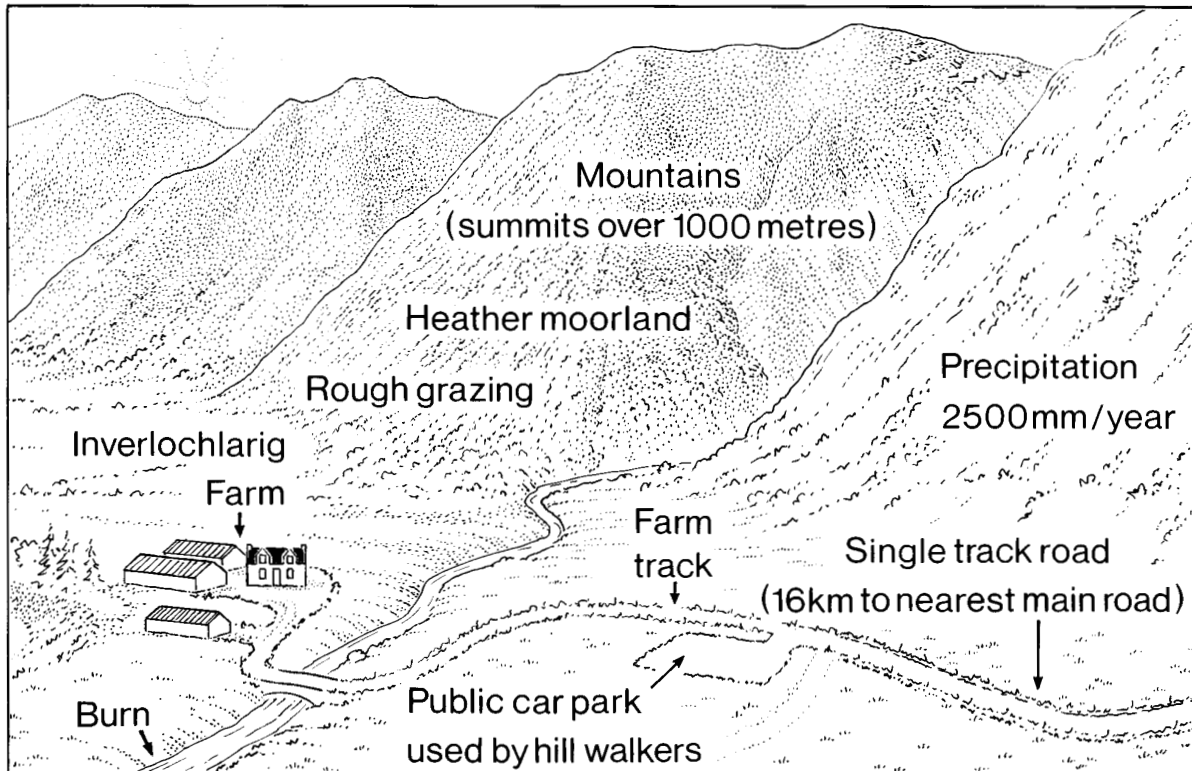
Give reasons for these changes.

5



6. Reference Diagram Q6A: Inverlochlarig Sheep Farm, Perthshire

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Reference Diagram Q6B

"I'm so fed up with ever increasing fuel costs, lower prices from animal sales and dealing with the EU that I wonder if it is worth carrying on."

Local farmer

Study Reference Diagrams Q6A and Q6B.

Human and physical factors both create problems for farmers in this type of environment.

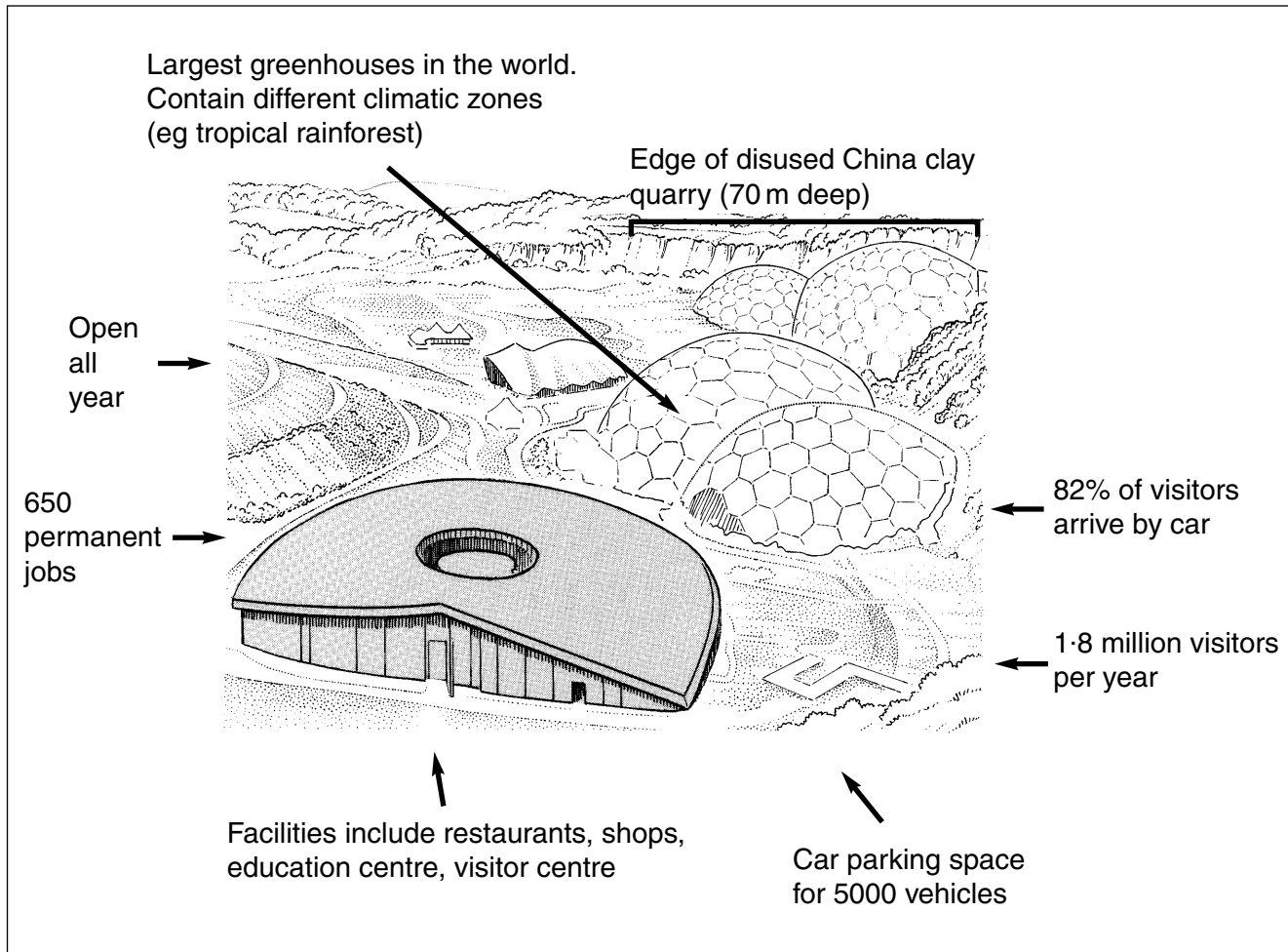
Select **either** human **or** physical factors.

For the factors you have chosen **explain**, in detail, why these cause more problems for the farmer.

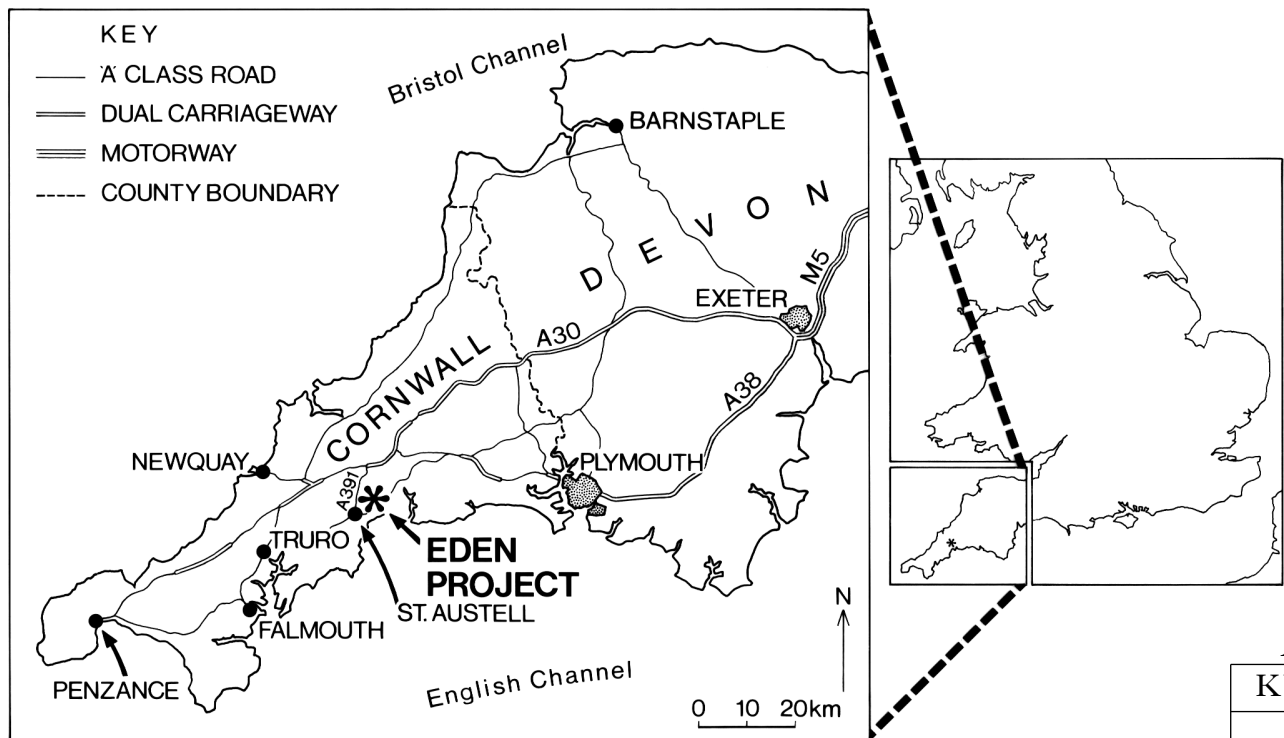
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7.

**Reference Diagram Q7A:  
The Eden Project—A Visitor Attraction in Cornwall**



**Reference Diagram Q7B: Location of the Eden Project**

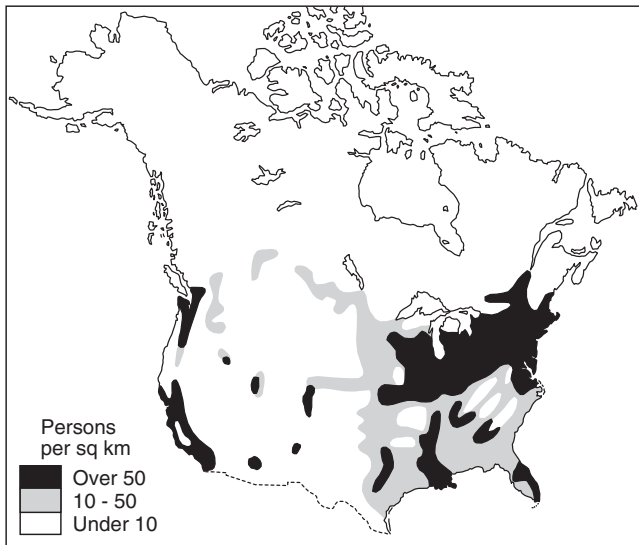


Study Reference Diagrams Q7A and Q7B.

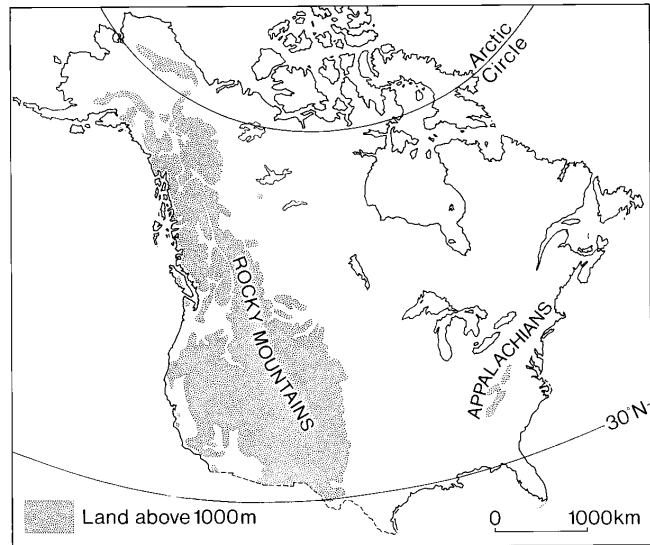
**Explain** fully the advantages **and** disadvantages of this new visitor attraction to St Austell and the surrounding area.

Marks	
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	6

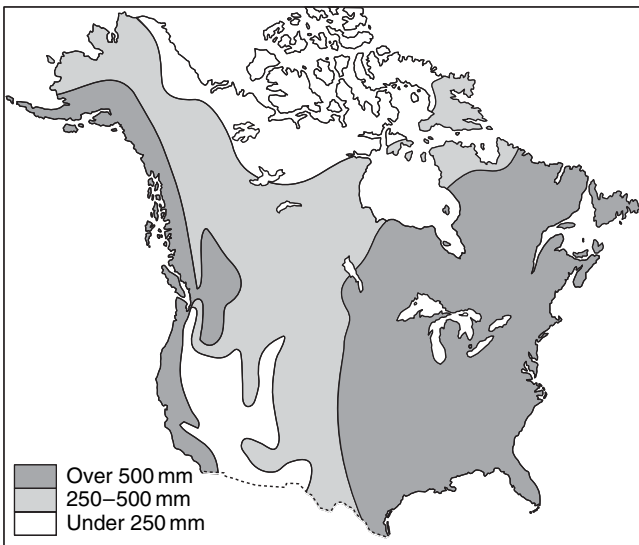
**8. Reference Diagram Q8A:  
North America Population Distribution**



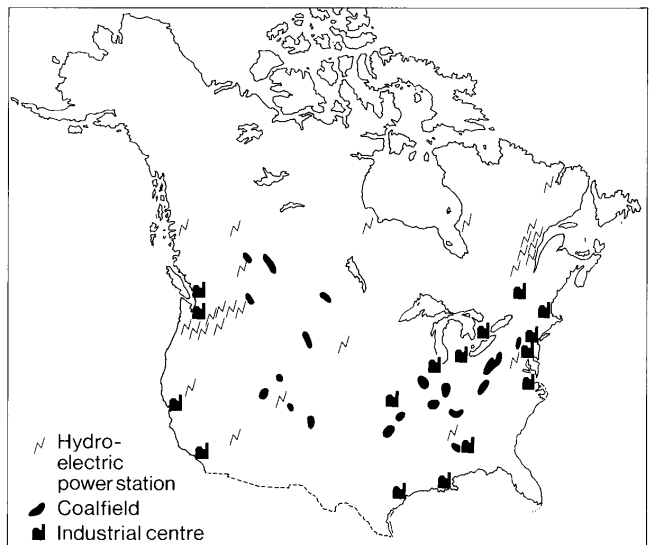
**Reference Diagram Q8B:  
North America Relief**



**Reference Diagram Q8C:  
North America Annual Rainfall**



**Reference Diagram Q8D:  
North America Power and Industry**



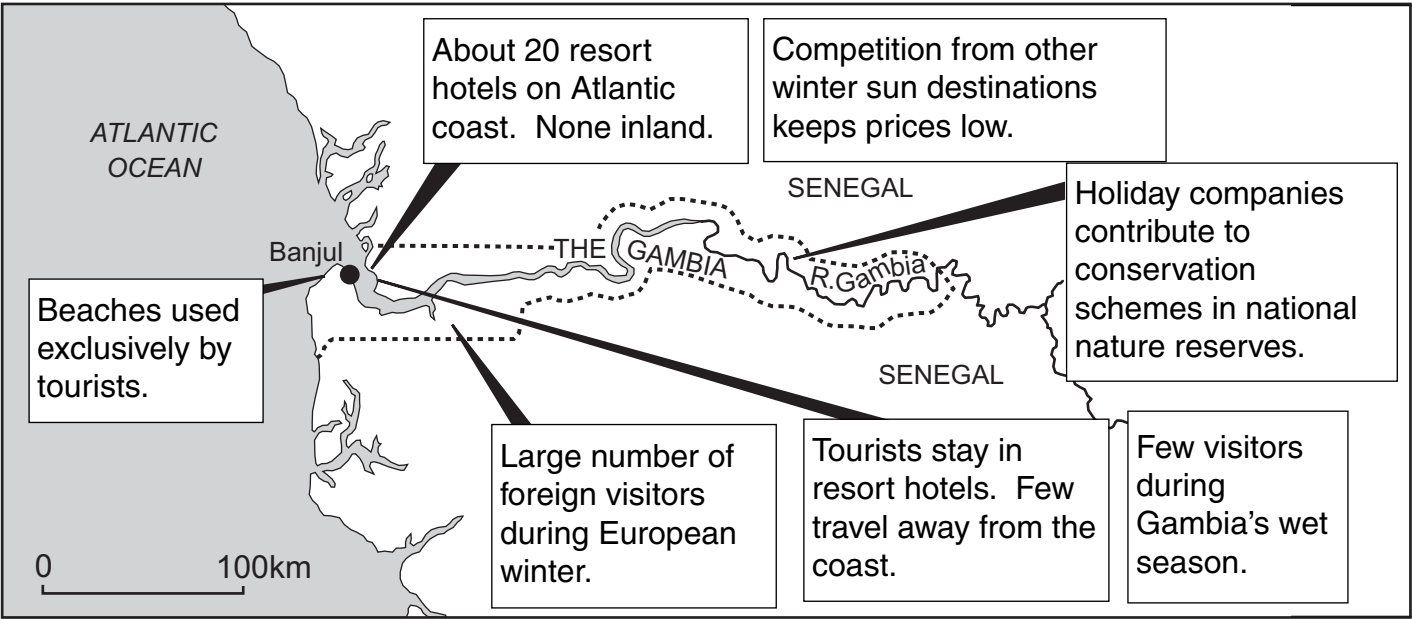
Using information given in Reference Diagrams Q8A, B, C and D, **explain** the distribution of population in North America.

**[Turn over**

*Marks*

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9. Reference Diagram Q9A: Tourism in the Gambia (West Africa)



Marks

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ES

(a) The Gambia which is a country in West Africa is known as a “winter sun” destination for tourists from Europe.

“The growth of the tourist industry has brought huge benefits for the people and the environment of the Gambia.”

Package holiday company spokesperson

Do you agree with this statement?

Give reasons for your answer.

4

9. (continued)

Reference Diagram Q9B: Tourism Facts for The Gambia

• Population	=	1 400 000	
• Labour Force	=	400 000	
• Tourism employs		10 000 Gambians	
• Tourism is the biggest foreign exchange earner in The Gambia			
• GDP from Agriculture	=	30%	from Tourism = 25%
from Fisheries	=	30%	from Others = 15%
• Most visitors come from Europe:			
from UK	=	60%	from Sweden = 7%
from Netherlands	=	12%	from Others = 21%

(b) Study Reference Diagram Q9B.

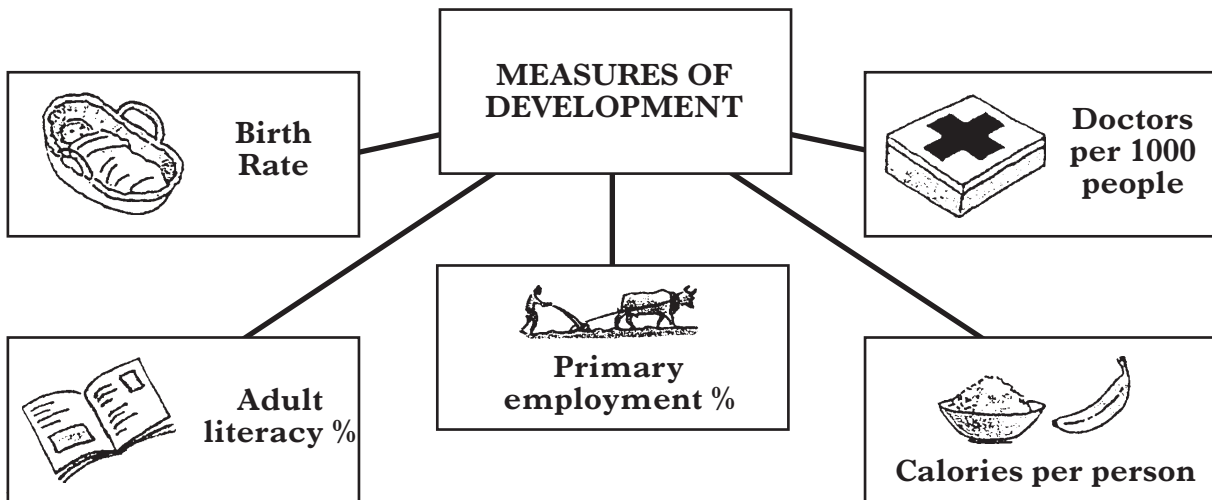
Which processing techniques would be most effective to show the different information about tourism?

**Explain** your choice of techniques.

4

[Turn over for Question 10 on *Page fourteen*

10. Reference Diagram Q10: Measures of Development



Study Reference Diagram Q10.

Choose **two** of the measures shown and **explain** why they are good indicators of the differences between ELDCs (economically less developed countries) and EMDCs (economically more developed countries).

6

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