

1260/405

NATIONAL
QUALIFICATIONS
2011

TUESDAY, 24 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.

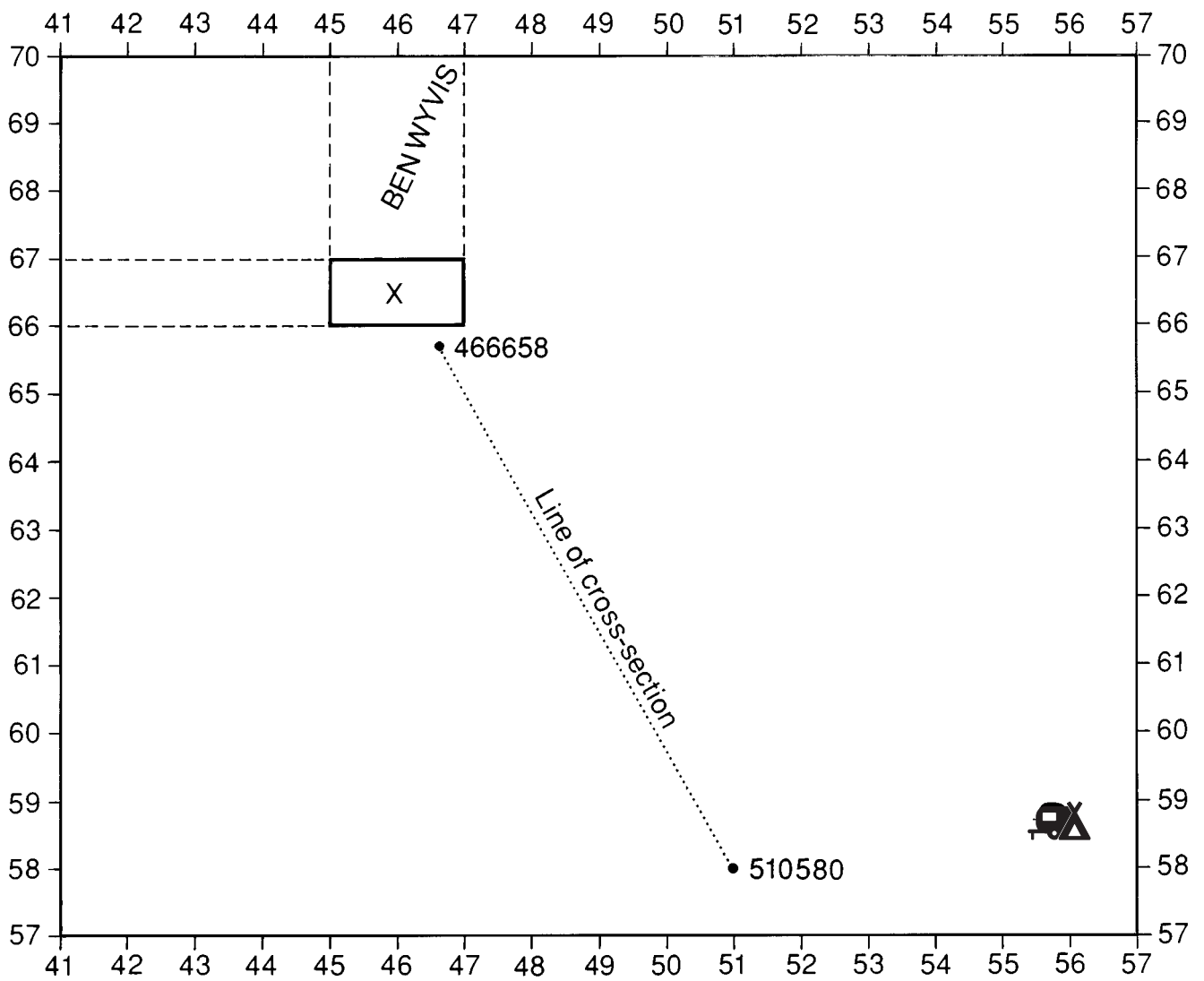
Write legibly and neatly, and leave a space of about one centimetre between the lines.

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



1.

Diagram Q1A



1. (continued)

This question refers to the OS Map (No 1880/20) of the Dingwall area and to Diagram Q1A on *Page two*.

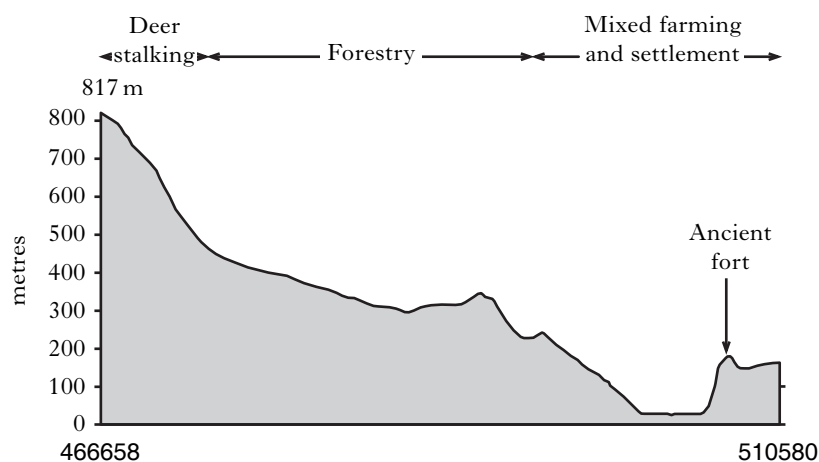
(a) Match each of the features named below with the correct grid reference.

Features: hanging valley, corrie, truncated spur.

Choose from grid references: 525658, 467677, 435663, 476683.

3

Diagram Q1B: Cross-section from GR 466658 to GR 510580 showing Land Use



(b) Look at the map extract and find the cross-section shown on Diagrams Q1A and Q1B.

Study both the map extract and the cross-section.

Give reasons for the differences in land use along the section.

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1. (continued)

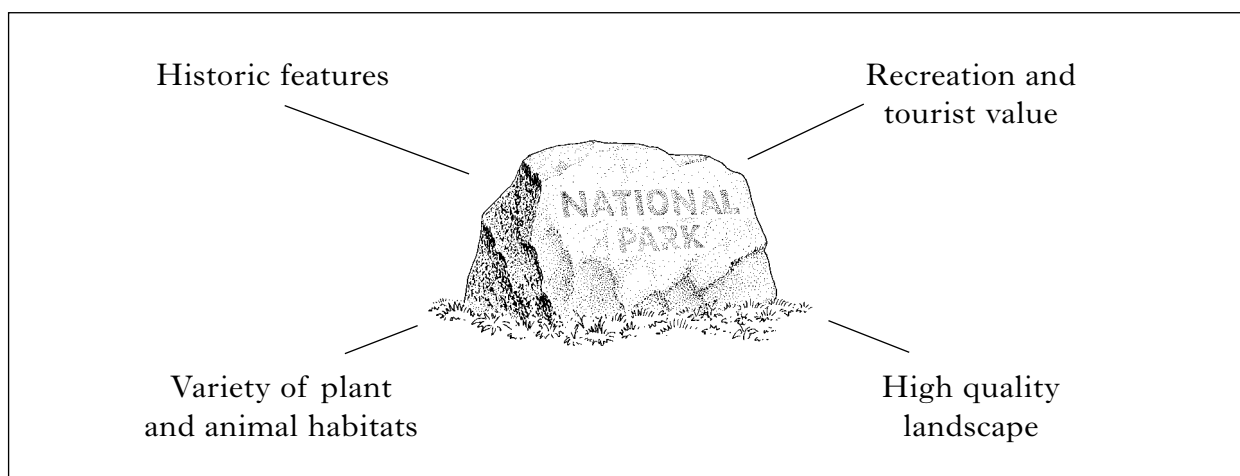
- (c) Look at the map extract and find Area X marked on Diagram Q1A.

There is a proposal to develop this area as a ski centre.

What are the advantages **and** disadvantages of this location for such a development?

Give map evidence to support your answer.

- (d) **Diagram Q1C: Desirable Qualities for National Park Status**



Look at the map extract and Diagram Q1C above.

To what extent do you agree that the whole map area would be suitable for a National Park?

You must refer to at least **two** qualities shown in Diagram Q1C.

Give map evidence to support your answer.

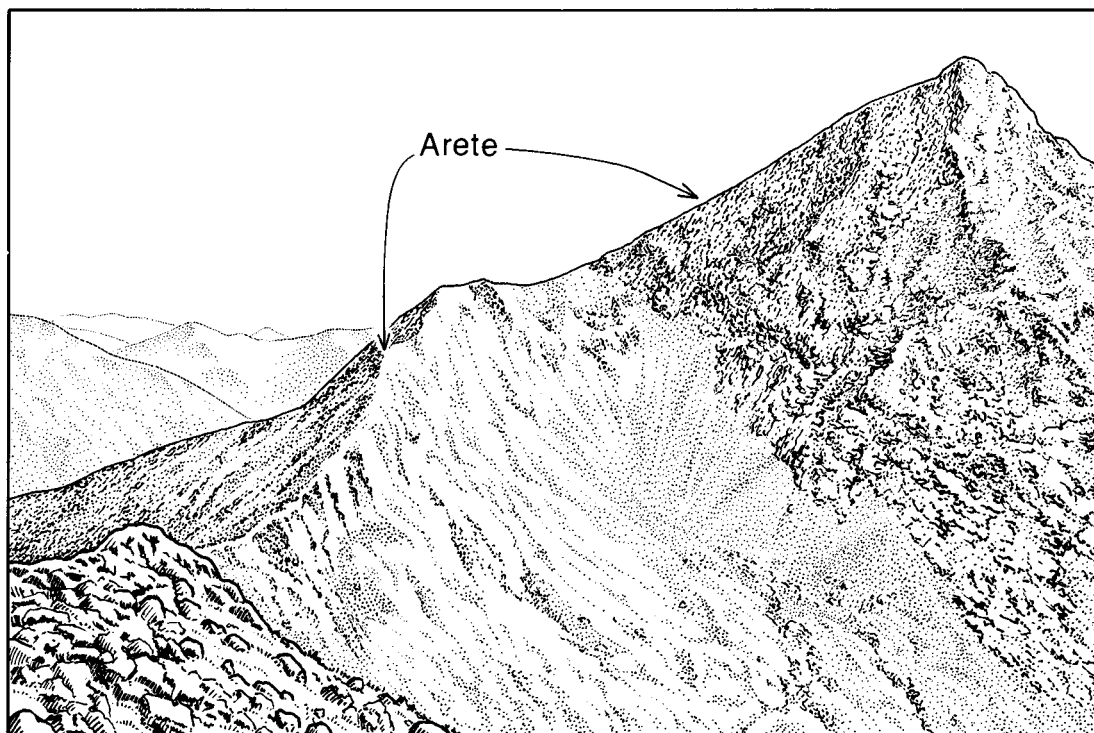
- (e) Find the caravan and camping site in grid square 5558.

Is this a good location for a caravan and camping site?

Give map evidence to support your answer.

2.

Diagram Q2: Carn Mor Dearg Arete



Look at Diagram Q2.

Explain how the arete was formed.

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

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3. **Diagram Q3A: Weather Chart, 31 December 2006, 4.00 pm**

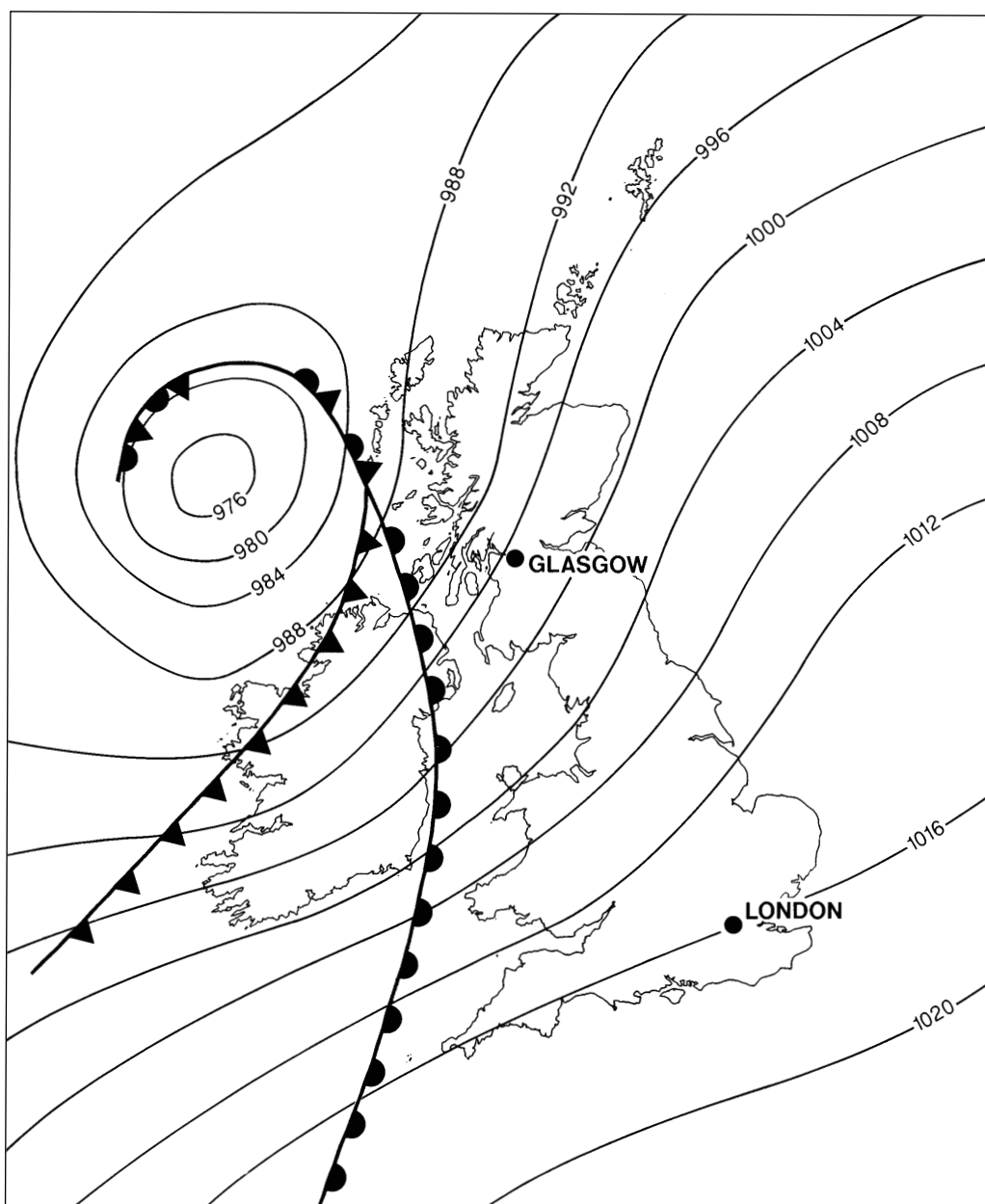


Diagram Q3B: Newspaper Headlines, 1 January 2007

Glasgow cancels Hogmanay Street Party just a few hours before midnight.

Celebrations went ahead in London where thousands brought in the New Year in Trafalgar Square.

Study Diagrams Q3A and Q3B.

With reference to the weather chart, **explain** why London's New Year celebrations went ahead whilst the celebrations in Glasgow were cancelled.

4. Diagram Q4A: Palm Oil Production and Rainforest Cover 1964–2009

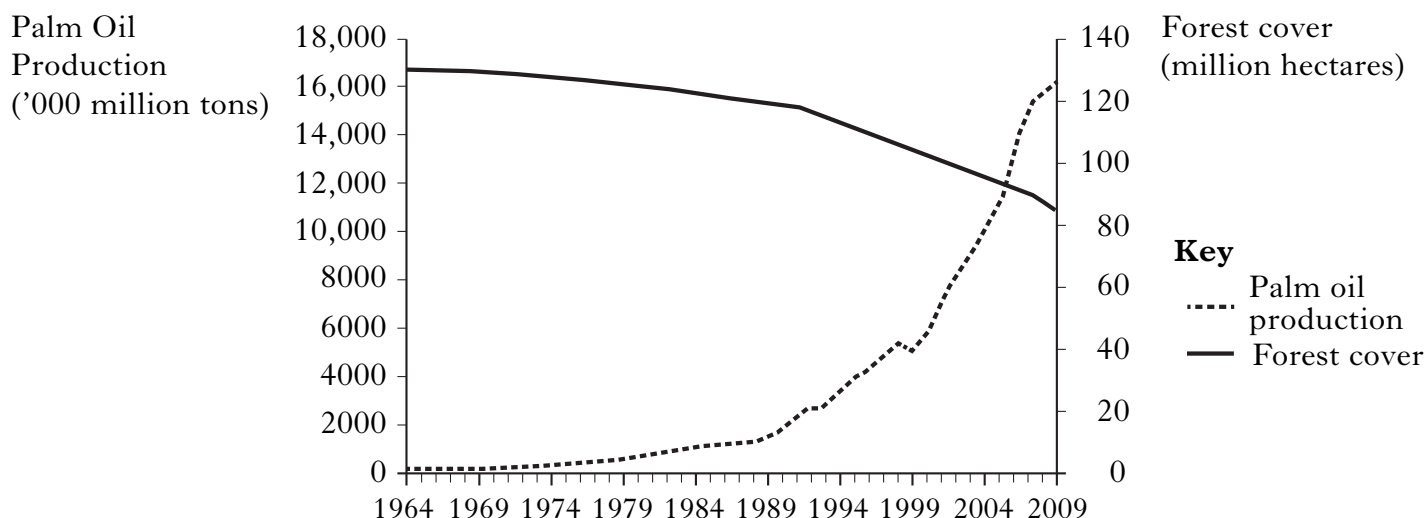


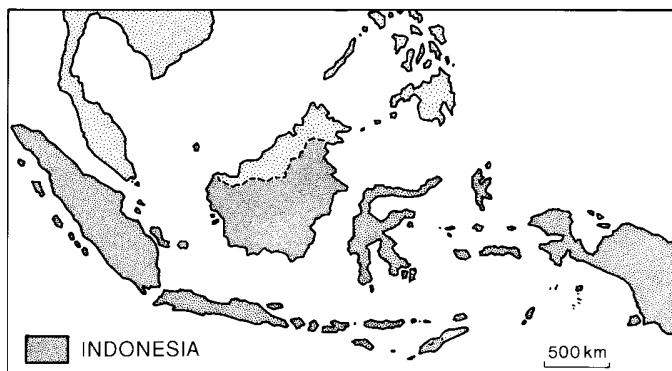
Diagram Q4B: Some Facts about Palm Oil and Indonesia

Habitat of Indonesian Orangutans (apes) replaced by 4.3 million hectares of oil palm plantations

75% greenhouse gases are a result of deforestation

Rainforest home to native people

International debt of \$155 billion



Palm Oil provides money for amenities such as clean water, electricity and schools

Average earnings are \$3900 per annum

Rainforests are the world's "lungs"

World demand for palm oil is predicted to double by 2030

Palm Oil production employs over 3.5 million

Look at Diagrams Q4A and Q4B.

“The destruction of the rainforest is a small price to pay for the huge benefits it has brought to Indonesia.”

To what extent do you agree with this statement?

Give reasons for your answer.

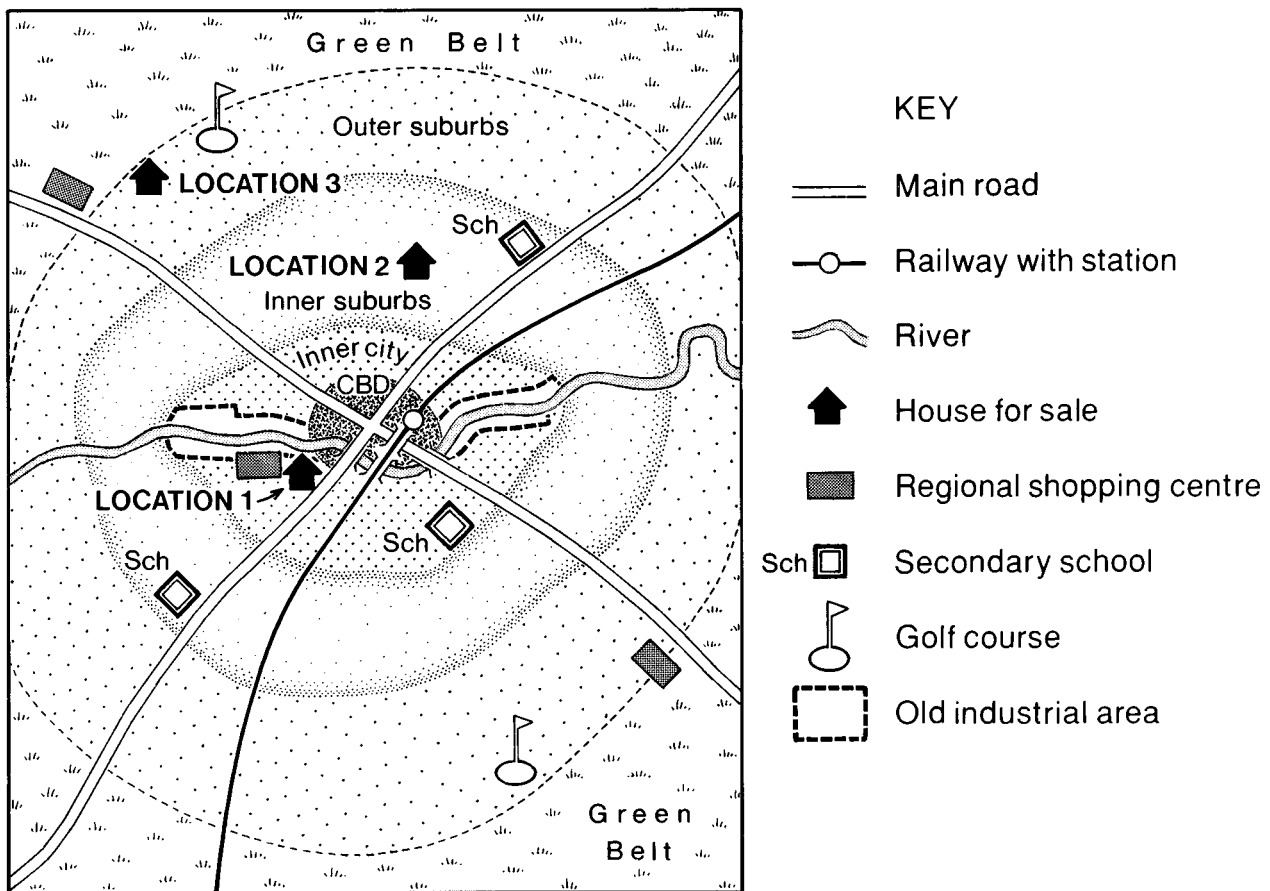
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5.

Diagram Q5: Different Zones in a City



(a) Mr and Mrs Boal and their two teenage children are moving to the city shown above.

They have found houses for sale in the three locations identified.

Which location do you think they should choose?

Give reasons for your choice.

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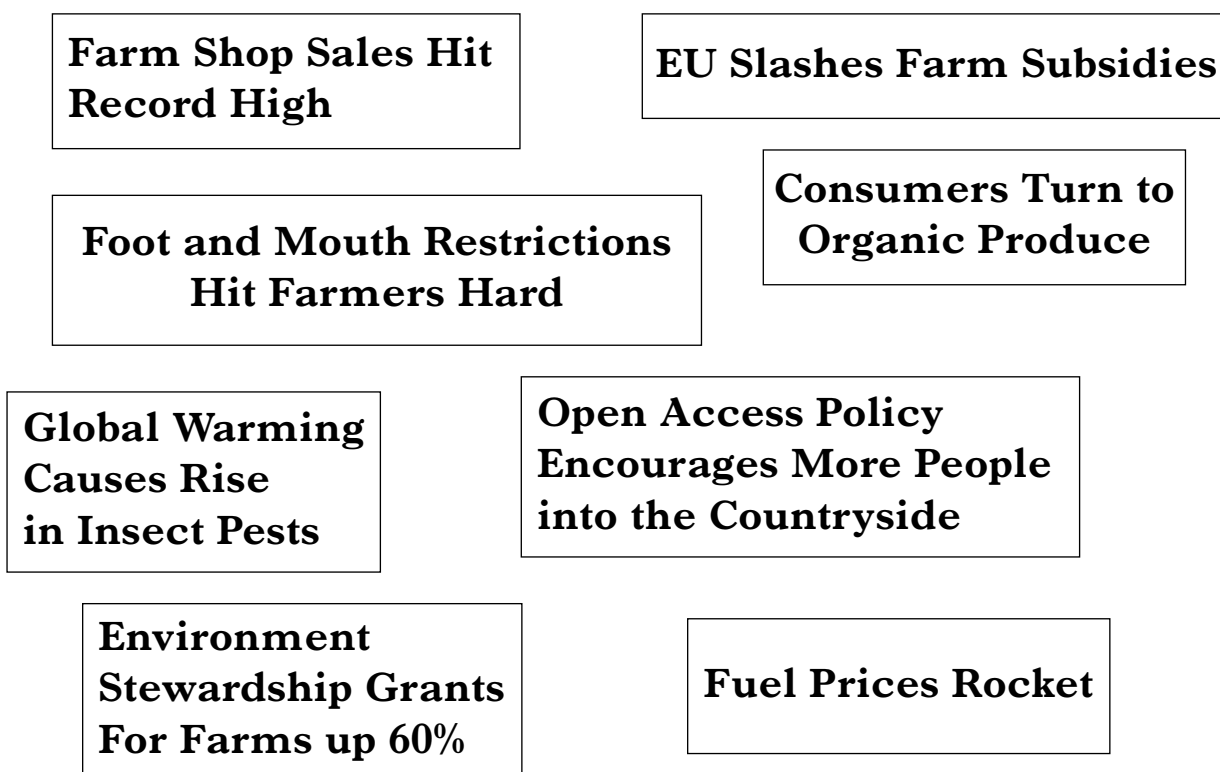
(b) Describe techniques which pupils could use to gather information about the differences between the urban environments of the three locations.

Give reasons for your choice of techniques.

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6.

Diagram Q6: Recent Trends in Farming



Look at Diagram Q6.

“Prospects for Scottish farmers in 2012 look bleak and uncertain.”

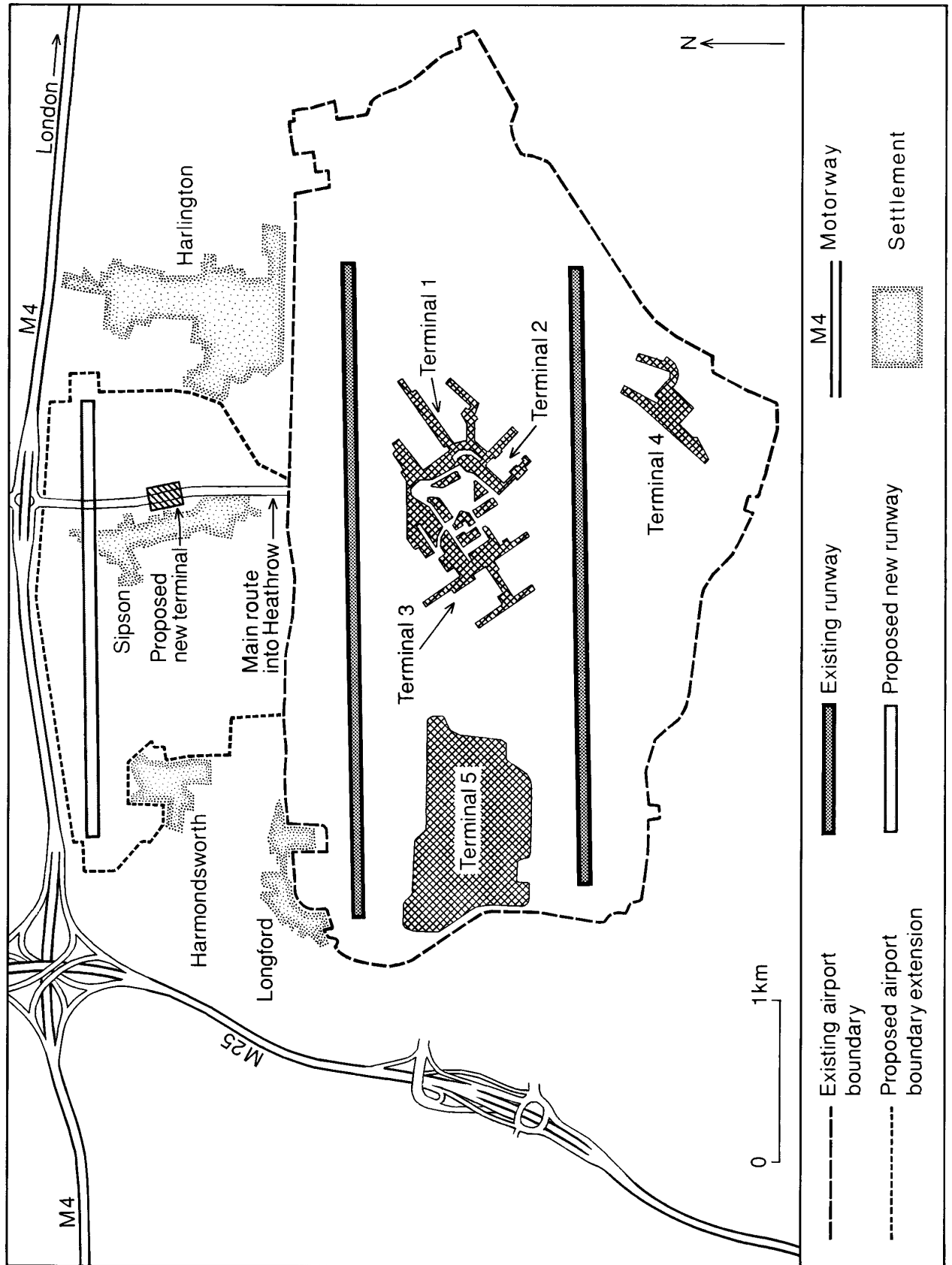
Do you agree fully with this statement?

Give reasons for your answer.

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Diagram Q7A: Proposed Expansion of London's Heathrow Airport



7. (continued)

Diagram Q7B: Arguments for and against the Expansion of Heathrow



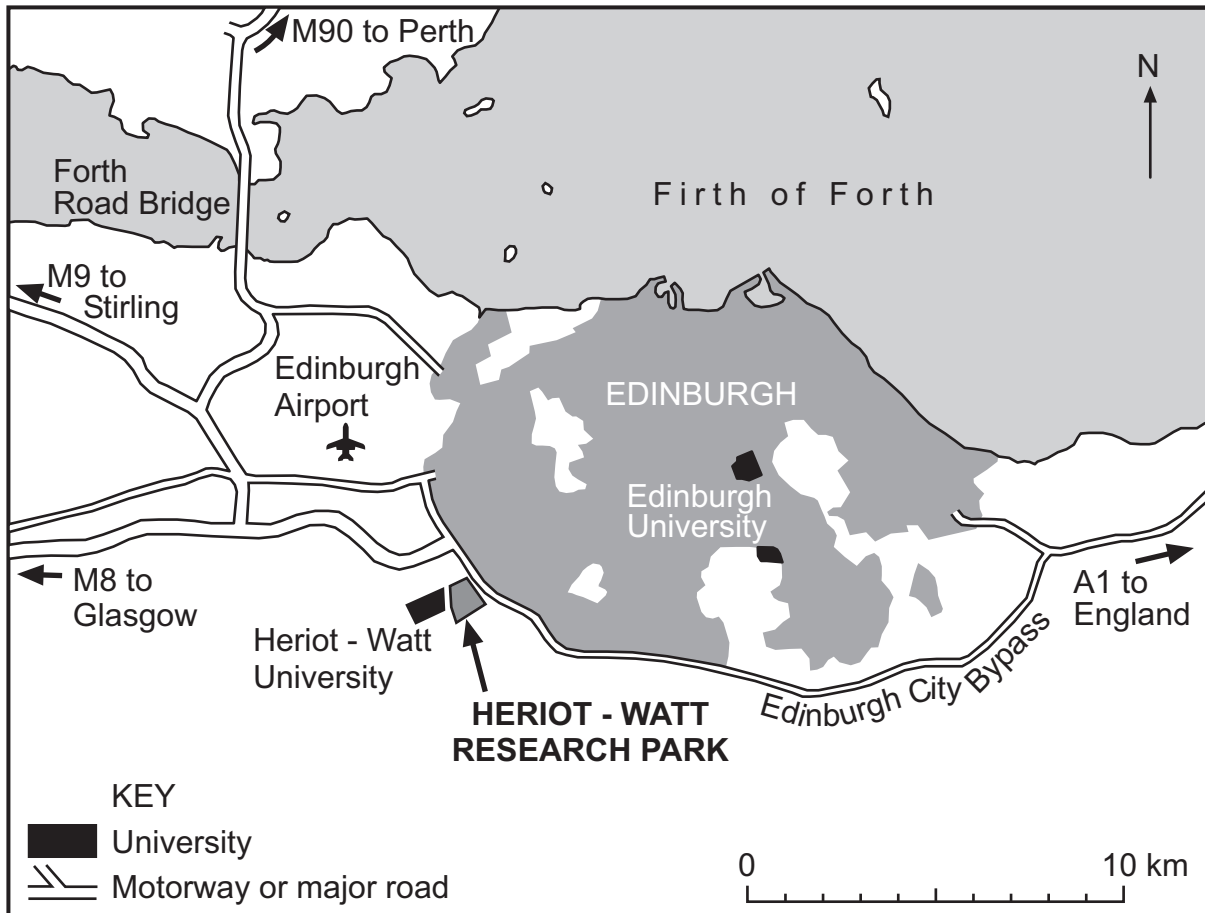
Study Diagrams Q7A and Q7B.

What are the advantages **and** disadvantages of the expansion of Heathrow Airport for South East England?

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8. **Diagram Q8: Heriot Watt Research Park, Edinburgh**



Look at Diagram Q8.

A research park is an **industrial area** where companies research **and** manufacture high-tech goods such as micro-electronics equipment and bio-technology products.

Explain why Heriot Watt Research Park is a good location for companies.

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9.

Diagram Q9A: Location of Kenya, Africa

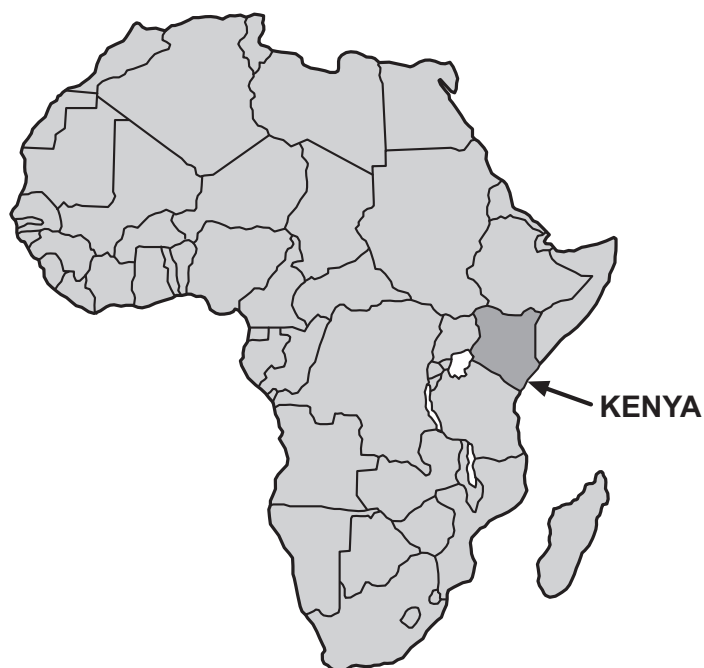


Diagram Q9B: Projected Population Statistics for Kenya

Year	2000	2025	2050
% living in rural areas	80	70	52
% living in urban areas	20	30	48

(a) Look at Diagrams Q9A and Q9B above.

Give reasons for the population changes in Kenya.

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(b) Look at Diagram Q9B above.

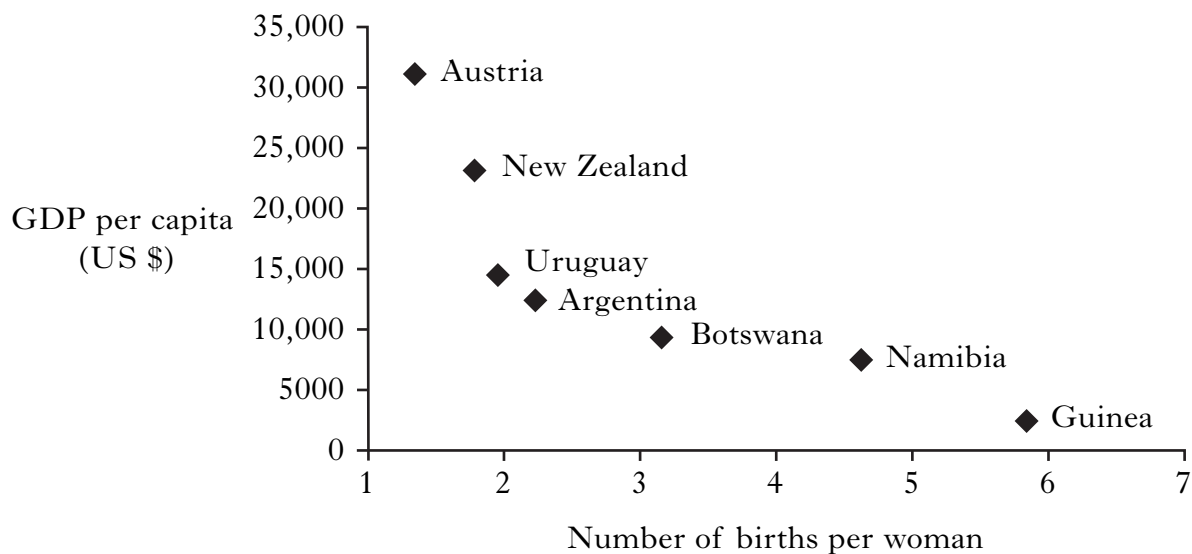
What other techniques could be used to show the information in the table?

Give reasons for your choice.

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10. **Diagram Q10: GDP per Capita and Number of Births per Woman in selected Countries**



Look at Diagram Q10 above.

“GDP per capita is a measure of wealth.”

Explain why there is a link between GDP per capita and the number of births per woman as shown in the graph.

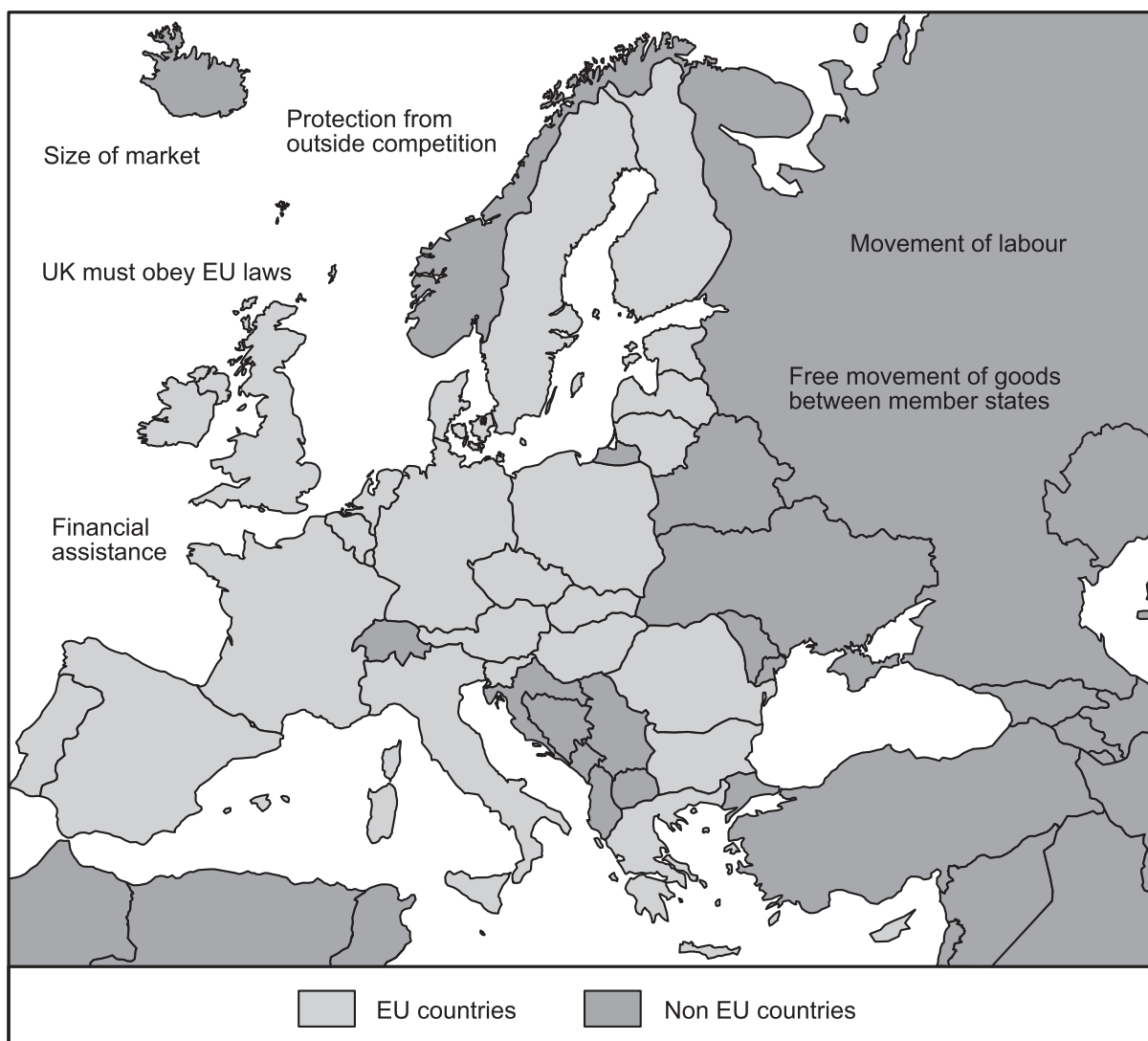
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11.

Diagram Q11A: Selected Population Data

EU (including UK)	490 million
USA	305 million
Japan	127 million
UK	60 million

Diagram Q11B: Selected Features of the EU (European Union)



Look at Diagrams Q11A and Q11B.

“For the UK, membership of the EU brings more advantages than disadvantages.”

Do you agree fully with this statement?

Give reasons for your answer.

[END OF QUESTION PAPER]

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