

1260/405

NATIONAL
QUALIFICATIONS
2010

WEDNESDAY, 6 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.

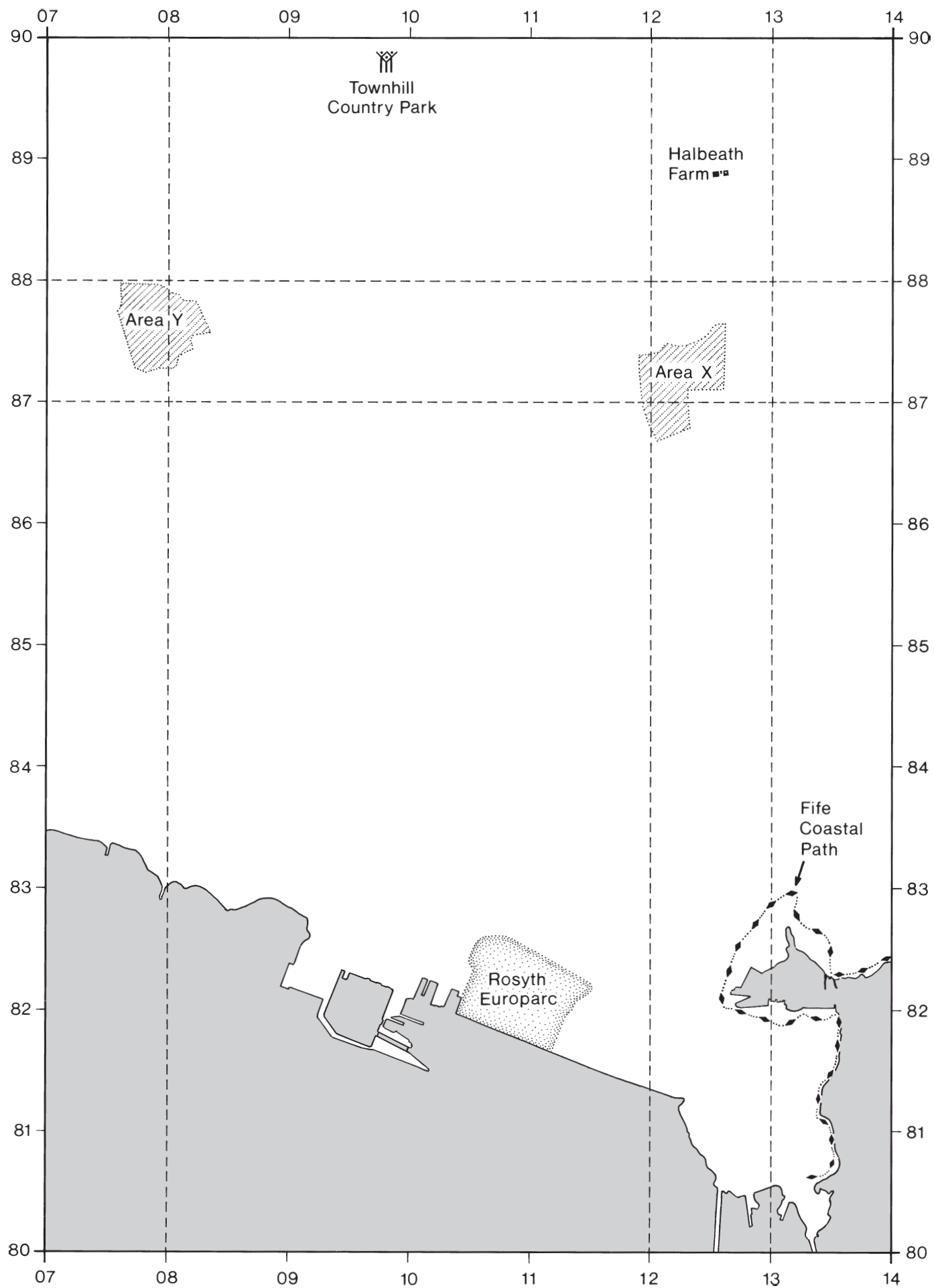
Write legibly and neatly, and leave a space of about one centimetre between the lines.

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



1.

Diagram Q1



<i>Marks</i>	
KU	ES
	5
	5
	4
	5
	4
4	

1. (continued)

This question refers to the OS Map (No 1786/EXP367) of the Dunfermline area and to Diagram Q1 on *Page two*.

- (a) Find the route of the Fife Coastal Path between 134805 and 140824.
Describe the advantages **and** disadvantages of this route for walkers.
- (b) What techniques could a group of Geography students use to gather information about Townhill Country Park (0989)?
Give reasons for your choice of techniques.
- (c) What is the main present day function of Dunfermline?
Choose from: service centre tourist centre.
Use map evidence to support your answer.
- (d) There is a plan to build a new housing estate at either Area X (around 120870) or Area Y (around 082877).
Which location is better?
Give reasons for your choice.
- (e) **“Halbeath Farm at 126889 is an excellent location for farming.”**
Do you agree fully with this statement?
Give reasons for your answer.
- (f) Rosyth Europarc (110820) is an industrial estate.
Explain the advantages of its location.

[Turn over

2. Diagram Q2A: A Meander

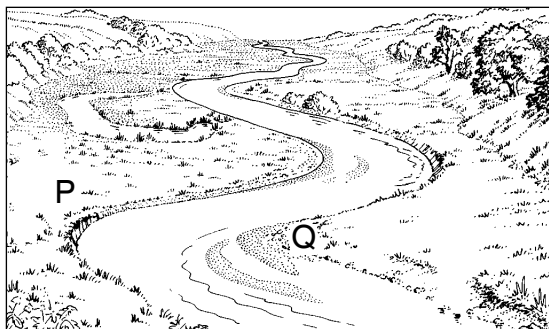
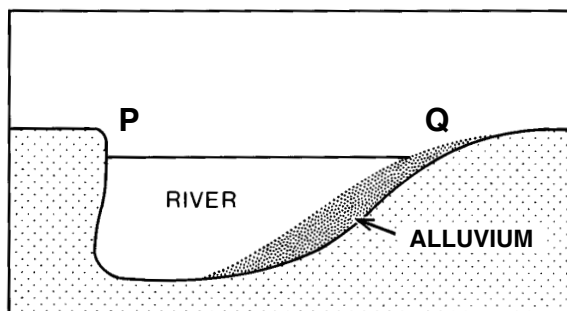


Diagram Q2B:
Cross Section of a Meander

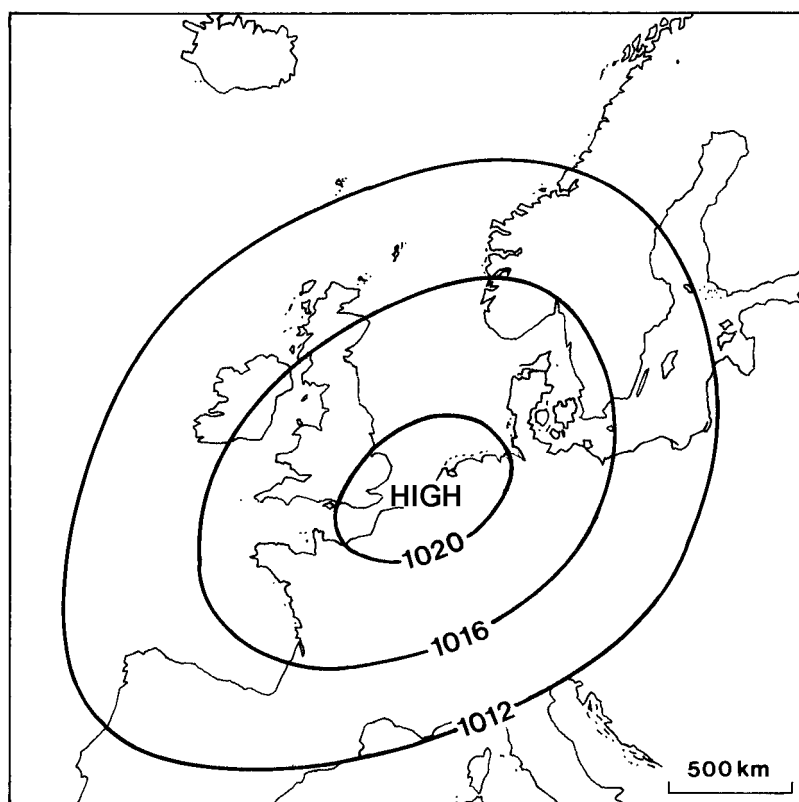


Look at Diagrams Q2A and Q2B.

Explain the different processes at work in the river at points P and Q.

4

3. Diagram Q3: An Anticyclone over Europe



Look at Diagram Q3.

Describe similarities **and** differences in weather conditions caused by anticyclones in summer and winter.

4

4. **Diagram Q4A:**
The Sahel Zone, Africa

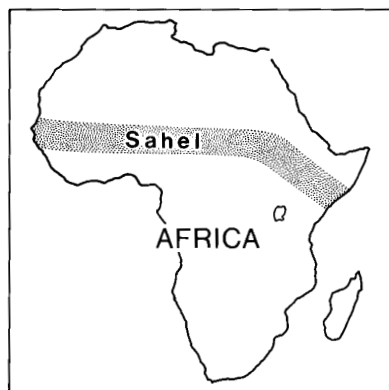
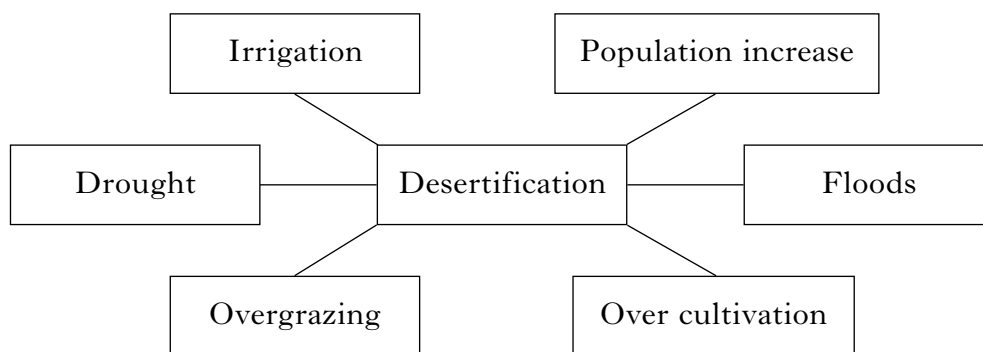


Diagram Q4B:
Population (millions) in Sahel Countries

Country	Year		
	1950	1995	2005
Ethiopia	20	52	67
Sudan	9	30	35
Chad	3	6	9

Diagram Q4C: Causes of Desertification



Look at Diagrams Q4A, Q4B and Q4C.

“Population is the main cause of desertification.”

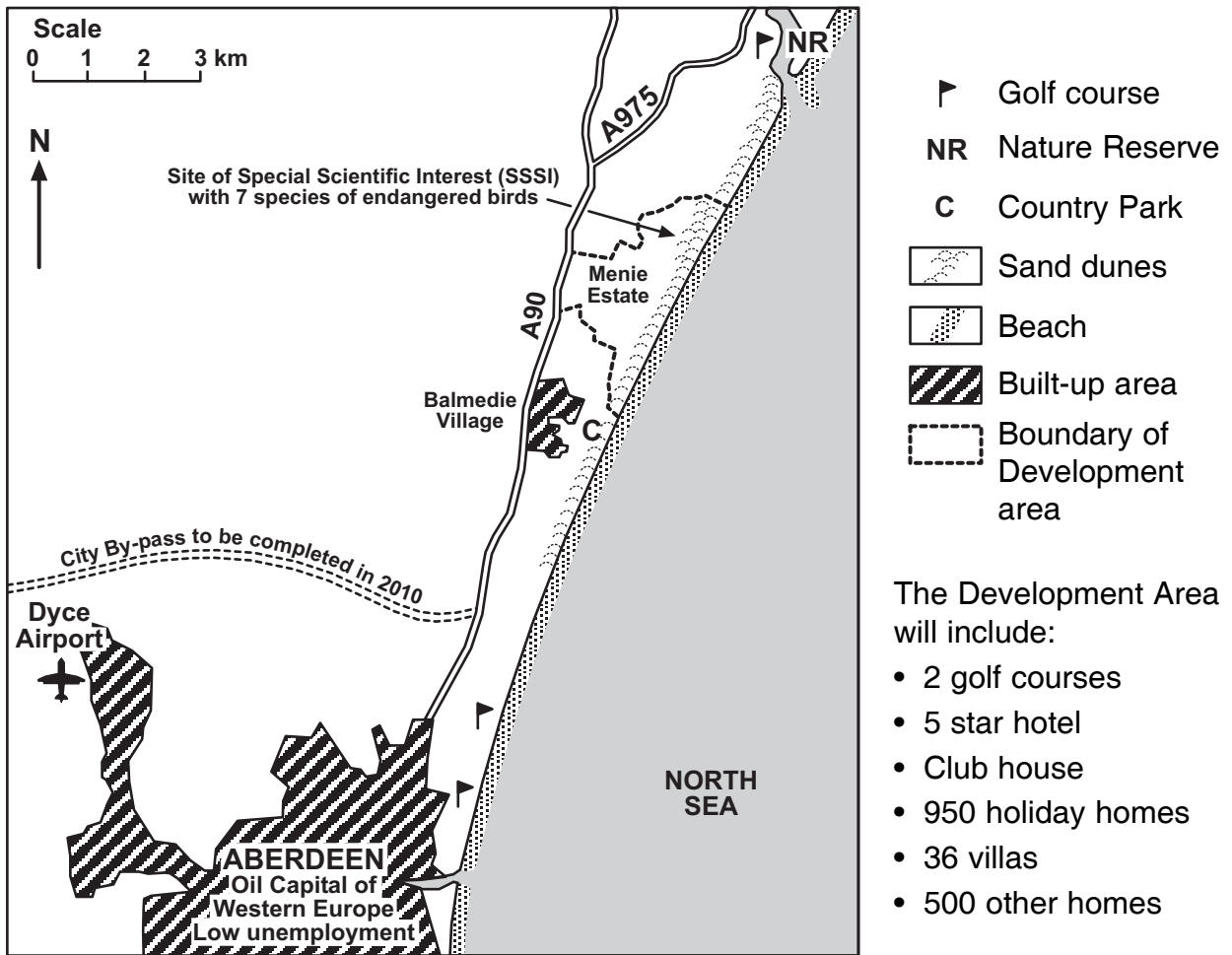
Do you agree fully with this statement?

Give reasons for your answer.

5

[Turn over

5. **Diagram Q5: Development at Menie Estate**



Look at Diagram Q5.

A foreign businessman is developing the **Menie Estate** as a luxury golf resort.

What are the advantages **and** disadvantages of this development for the area?

6

6.

Diagram Q6A: Land Use Zones in Urban Areas

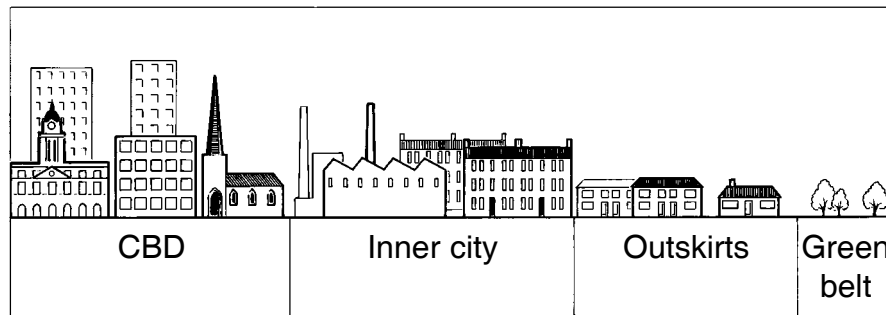
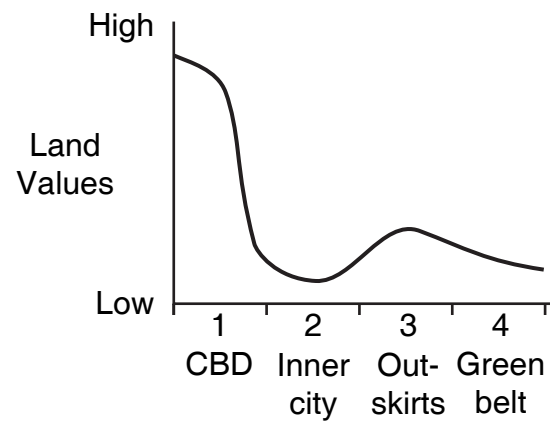


Diagram Q6B: Changing Land Values from Centre to Edge of City



Look at Diagrams Q6A and Q6B.

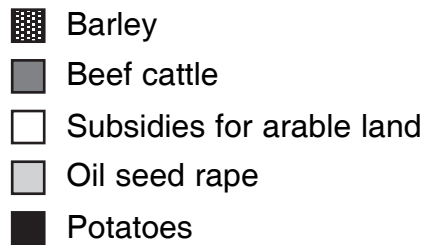
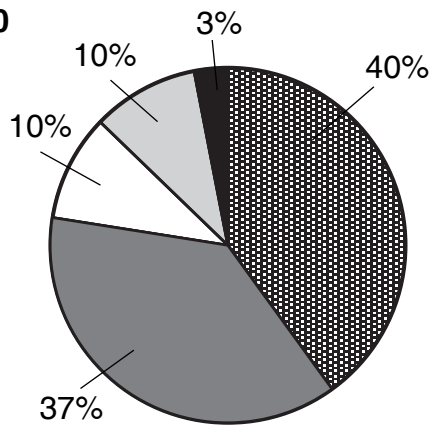
Choose any **two** zones shown in Diagram Q6A. **For each zone chosen**, give reasons for the ways in which the land has been used.

6

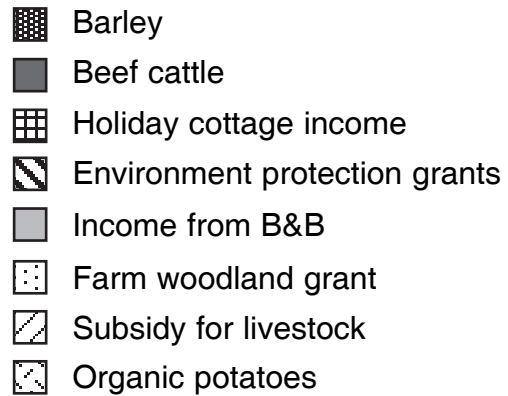
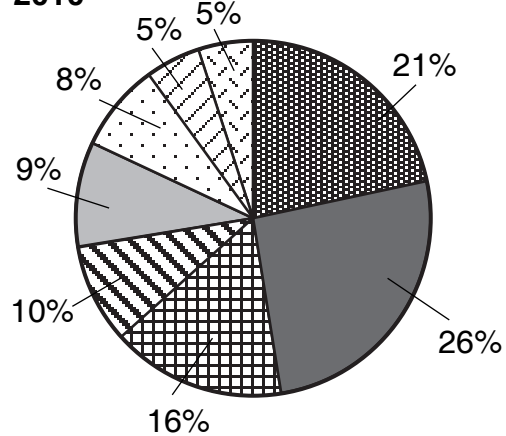
[Turn over

7. **Diagram Q7: Percentage Income at Redland Farm**

1980



2010



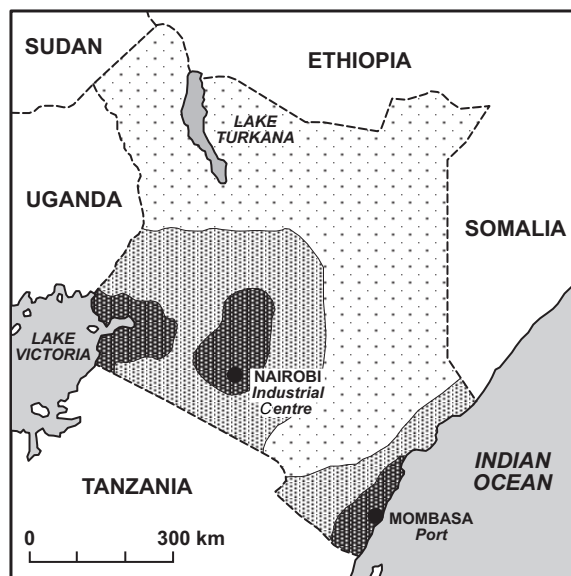
Look at Diagram Q7.

The sources of this farmer's income have changed since 1980.

Give reasons for these changes.

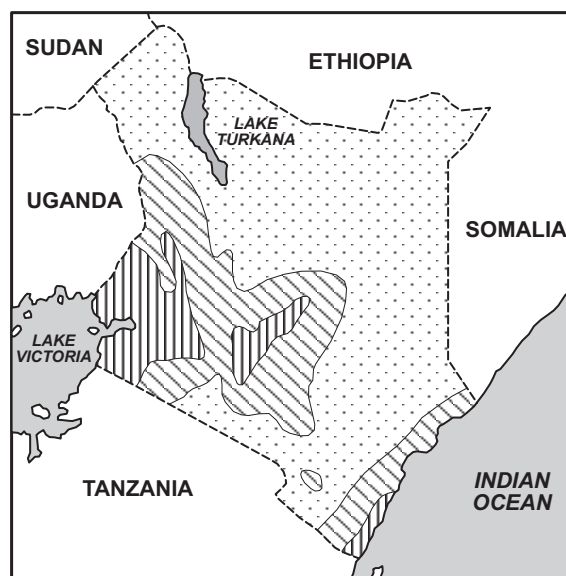
6

8. **Diagram Q8A:**
Kenya, Population Density



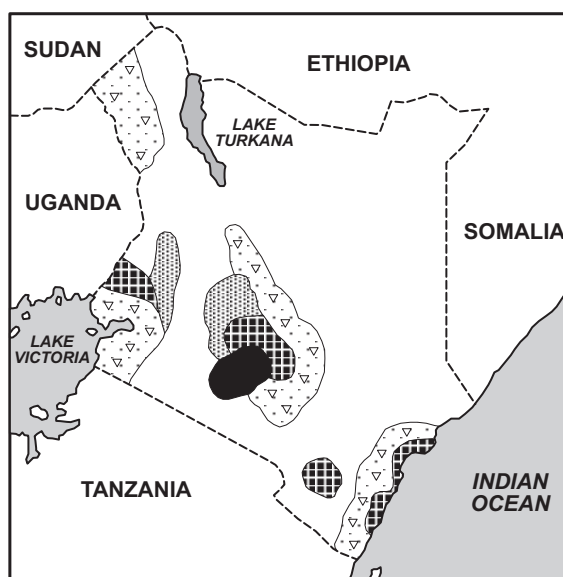
KEY—Population density
 ■ High ■ Medium ■ Low

Diagram Q8B:
Kenya, Annual Rainfall



KEY—Rainfall (mm)
 ■ More than 1000 ■ 500–1000 ■ Less than 500

Diagram Q8C: Agriculture and Industry



KEY
 ■ Major industrial areas
 ■ Plantations
 ■ Grain crops
 ■ Mixed crops and livestock

Study Diagrams Q8A, Q8B and Q8C.

Explain the distribution of population in Kenya.

9. **Diagram Q9A: Population Growth in India**

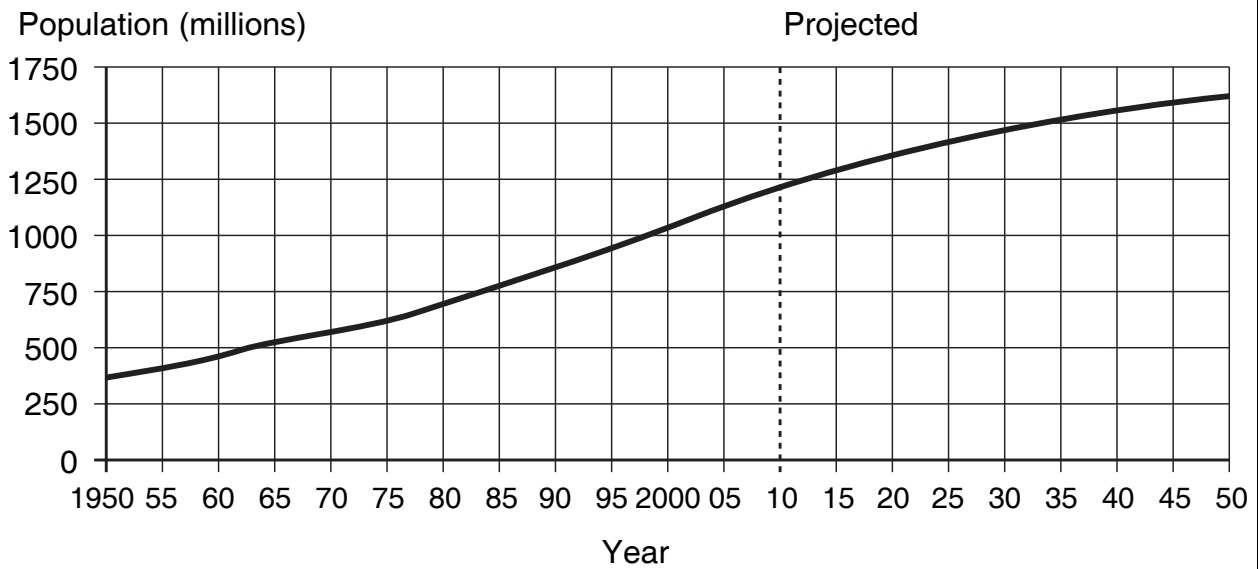
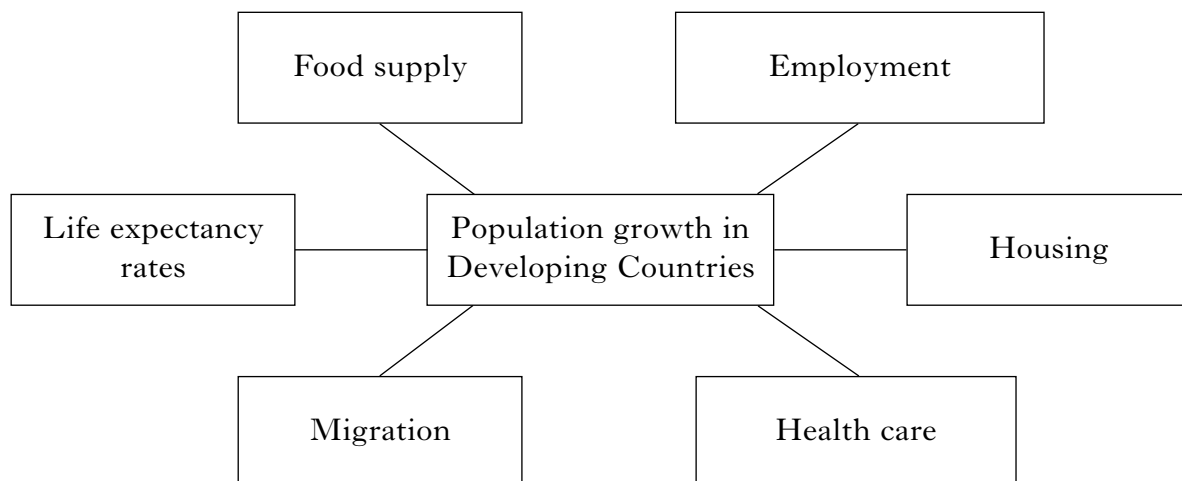


Diagram Q9B: Factors linked to Population Increase



Look at Diagrams Q9A and Q9B.

“The population growth of India will cause the country many problems.”

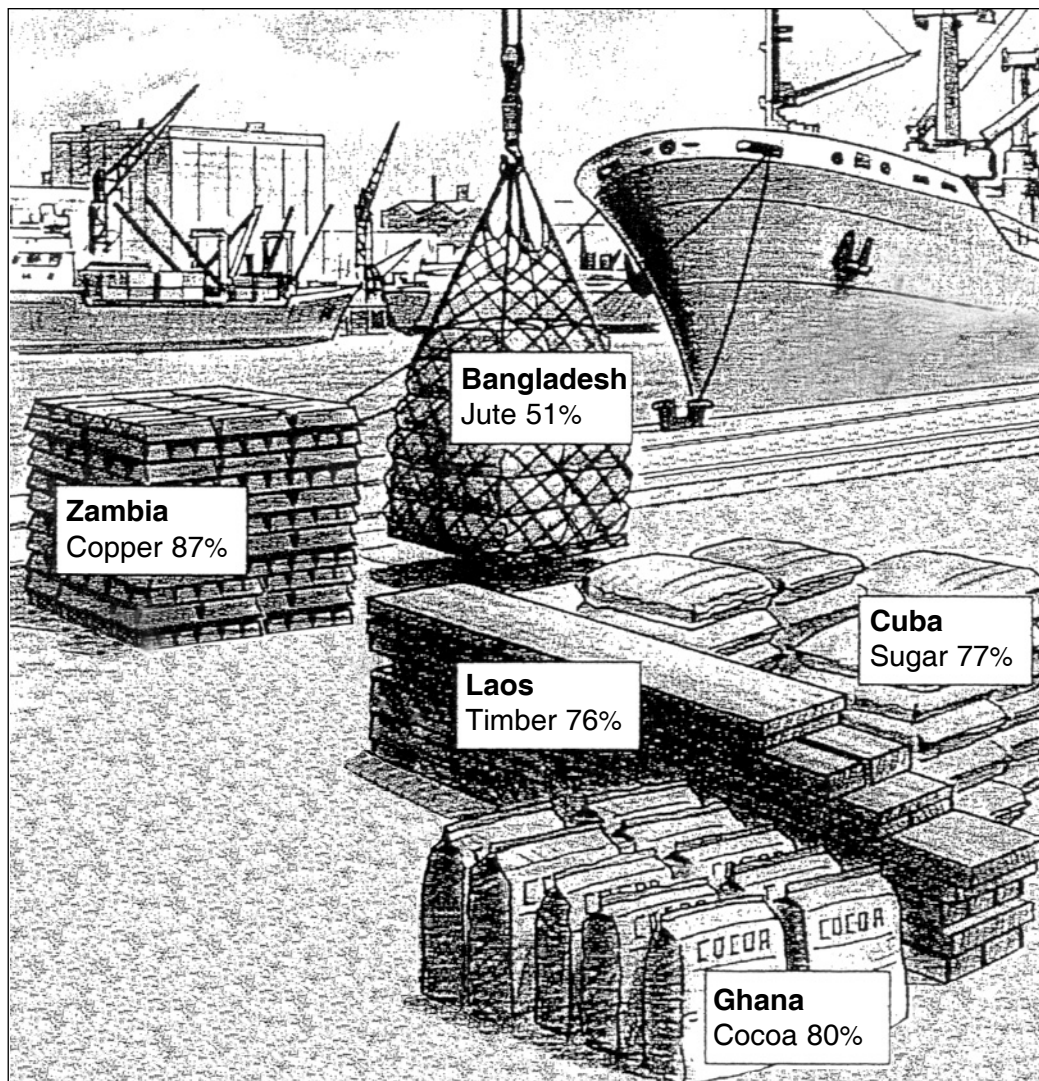
Do you agree fully with this statement?

Give reasons for your answer.

5

10.

Diagram Q10: Selected Developing Countries where one raw material is more than half of all exports



Look at Diagram Q10.

(a) What problems does this pattern of trade cause in developing countries?

4

(b) Which **other** processing techniques could be used to display the export figures shown on Diagram Q10?

Give reasons for your choice of techniques.

5

[Turn over for Question 11 on Page twelve

11. Diagram Q11: Some Charities providing Aid to Developing Countries

act:onaid

End poverty. Together.

World Vision

WaterAid

Oxfam

Look at Diagram Q11.

In what ways is aid given by charities (voluntary aid) suitable for developing countries?

4

[END OF QUESTION PAPER]

ACKNOWLEDGEMENTS

Question 11—ActionAid logo is reproduced by kind permission of ActionAid UK.

Question 11—World Vision logo is reproduced by kind permission of World Vision.

Question 11—WaterAid logo is reproduced by kind permission of WaterAid.

Question 11—The Oxfam logo on page 12, is reproduced with the permission of Oxfam GB, Oxfam House, John Smith Drive, Crowley, Oxford OX4 2JY, UK. **www.oxfam.org.uk**
Oxfam GB does not necessarily endorse any text or activities that accompany the materials.