



National
Qualifications
2025

X833/75/11

Geography

TUESDAY, 29 APRIL

1:00 PM – 3:20 PM

Total marks — 80

SECTION 1 — PHYSICAL ENVIRONMENTS — 30 marks

Attempt **EITHER** Question 1 **OR** Question 2

THEN attempt Questions 3 to 7.

SECTION 2 — HUMAN ENVIRONMENTS — 30 marks

Attempt **ALL** questions.

SECTION 3 — GLOBAL ISSUES — 20 marks

Attempt any **TWO** of the following.

Question 12 — Climate change

Question 13 — Natural regions

Question 14 — Environmental hazards

Question 15 — Trade and globalisation

Question 16 — Tourism

Question 17 — Health

You will receive credit for appropriately labelled sketch maps and diagrams.

Write your answers clearly in the answer booklet provided. In the answer booklet you must clearly identify the question number you are attempting.

Use **blue** or **black** ink.

Before leaving the examination room you must give your answer booklet to the Invigilator; if you do not, you may lose all the marks for this paper.



* X 8 3 3 7 5 1 1 *

SECTION 1 — PHYSICAL ENVIRONMENTS — 30 marks**Attempt EITHER Question 1 OR Question 2****THEN Questions 3 to 7****Question 1 — Glaciated landscapes/coastal landscapes**

- (a) Study the Ordnance Survey map extract of the Bridgend area.

Give map evidence which shows that part of the area shown on this map is a coastal landscape.

Your answer should include grid references.

4

Diagram Q1 A sand spit



- (b) Look at Diagram Q1.

Explain the formation of a sand spit.

You may use a diagram(s) in your answer.

4

Now attempt Questions 3 to 7

Do not attempt Question 2 if you have already answered Question 1

Question 2 — Rivers and their valleys/upland limestone landscapes

- (a) Study the Ordnance Survey map extract of the Bridgend area.

Using grid references **describe** the physical features of the Ogmore River and its valley between 903794 and 855757.

4

Diagram Q2 A waterfall



- (b) Look at Diagram Q2.

Explain the formation of a waterfall.

You may use a diagram(s) in your answer.

4

Now attempt Questions 3 to 7

[Turn over

Question 3

Study the Ordnance Survey map extract of the Bridgend area.

Measure the **three** distances (A, B and C) between the places shown in the table.

Match your answers for A, B and C with the distances given below.

A	From the nature reserve 8676 to Highfield Farm 9376
B	From the castle 9281 to the golf course 9480
C	From the solar farm 8183 to the wind turbine 8479

Choose from the following distances: **2.25 km** **5 km** **4 km** **7.75 km**

3

Question 4

Study the Ordnance Survey map extract of the Bridgend Area.

Using map evidence, **explain** why visitors are attracted to the area shown on the map.

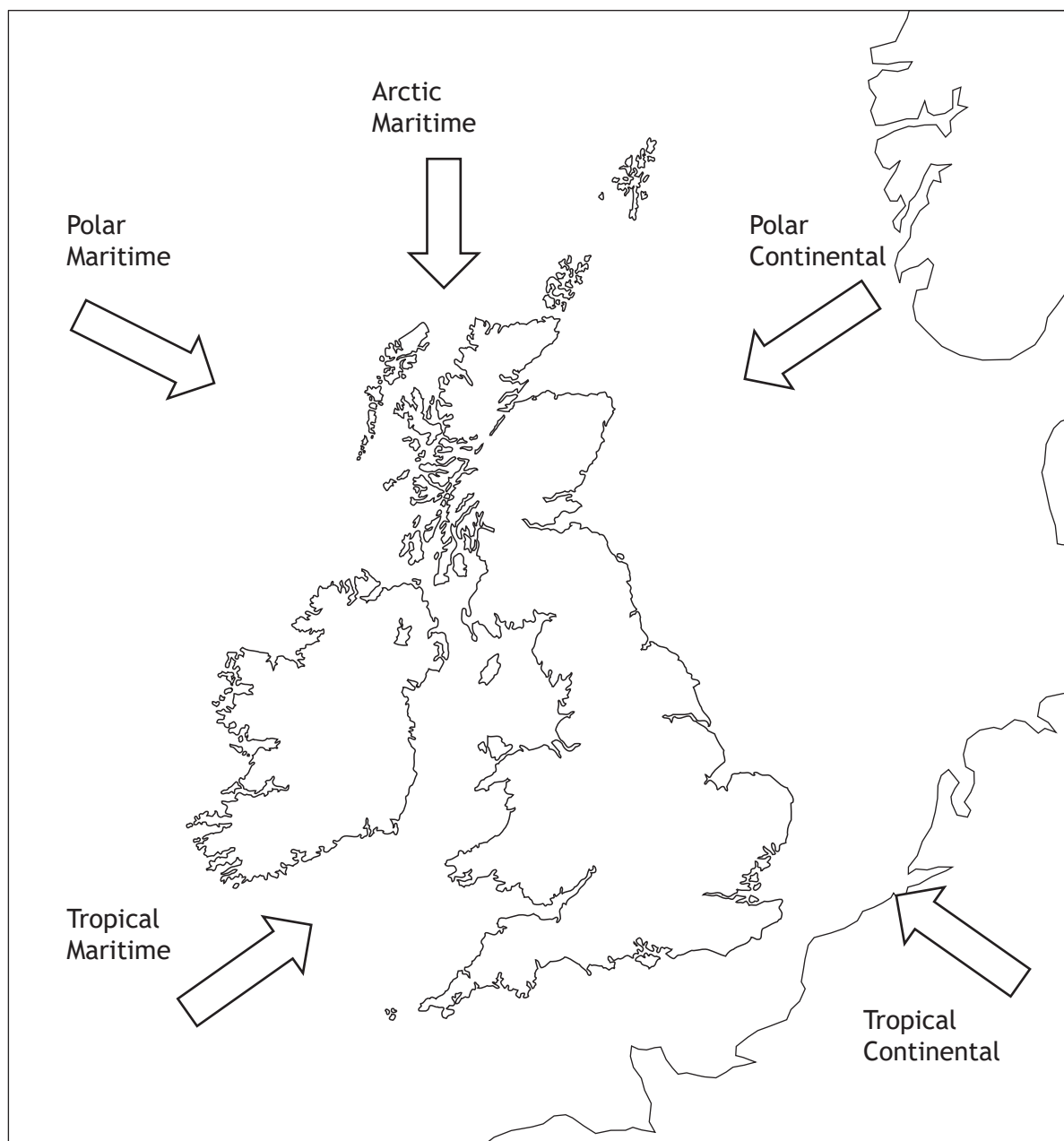
You may refer to both physical and human attractions in your answer.

6

[Turn over

Question 5

Diagram Q5 Air masses affecting the UK



Study Diagram Q5.

Describe how a long spell with a **polar continental** air mass in winter would affect the people in the UK.

Question 6

Diagram Q6A Synoptic chart for 12 noon on 20th October 2022

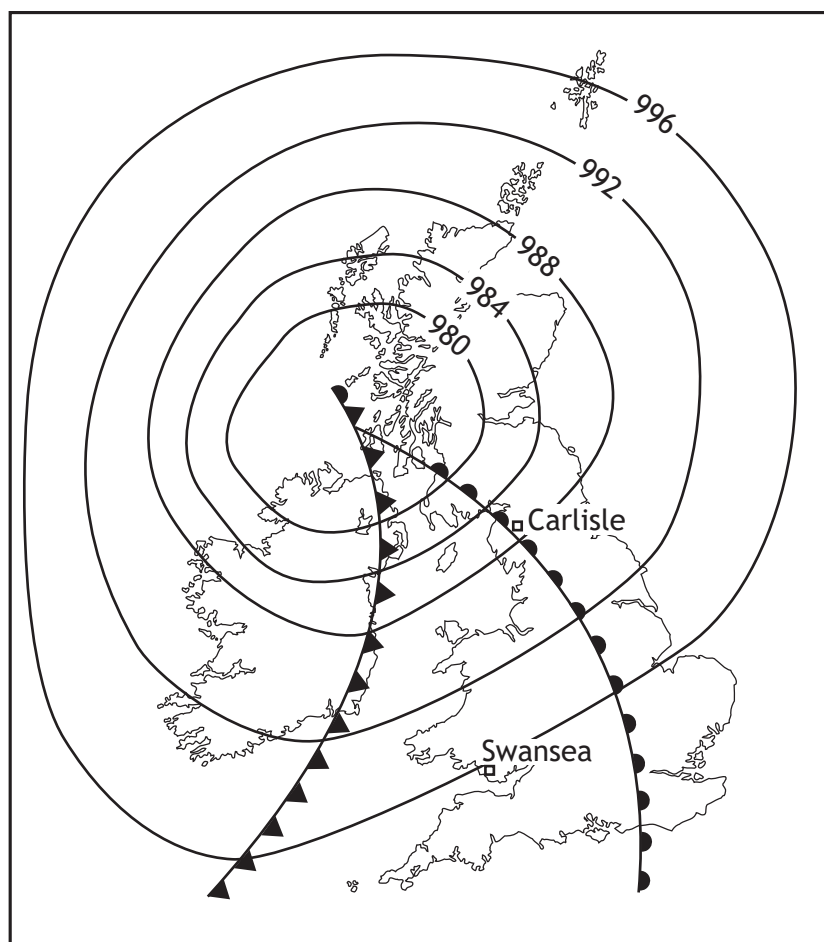


Diagram Q6B Weather station symbols for Swansea and Carlisle



Study Diagrams Q6A and Q6B.

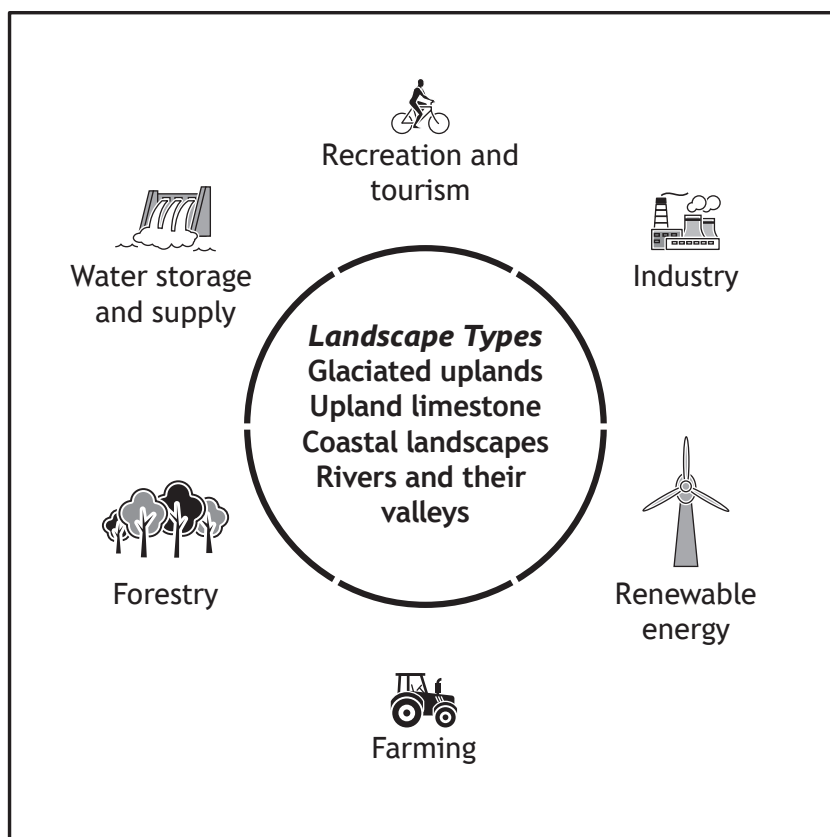
Give reasons for the differences in the weather conditions between Swansea and Carlisle.

4

[Turn over

Question 7

Diagram Q7 Land uses that could cause conflicts



Look at Diagram Q7.

Choose **one** landscape type from Diagram Q7.

For a named area you have studied, **explain** ways that land use conflicts can be reduced.

[Turn over for next question

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SECTION 2 — HUMAN ENVIRONMENTS — 30 marks

Attempt ALL questions

Question 8

- (a) Study the Ordnance Survey map extract of the Bridgend area.

Match the urban land use zones with the correct grid references.

Urban land use zones:

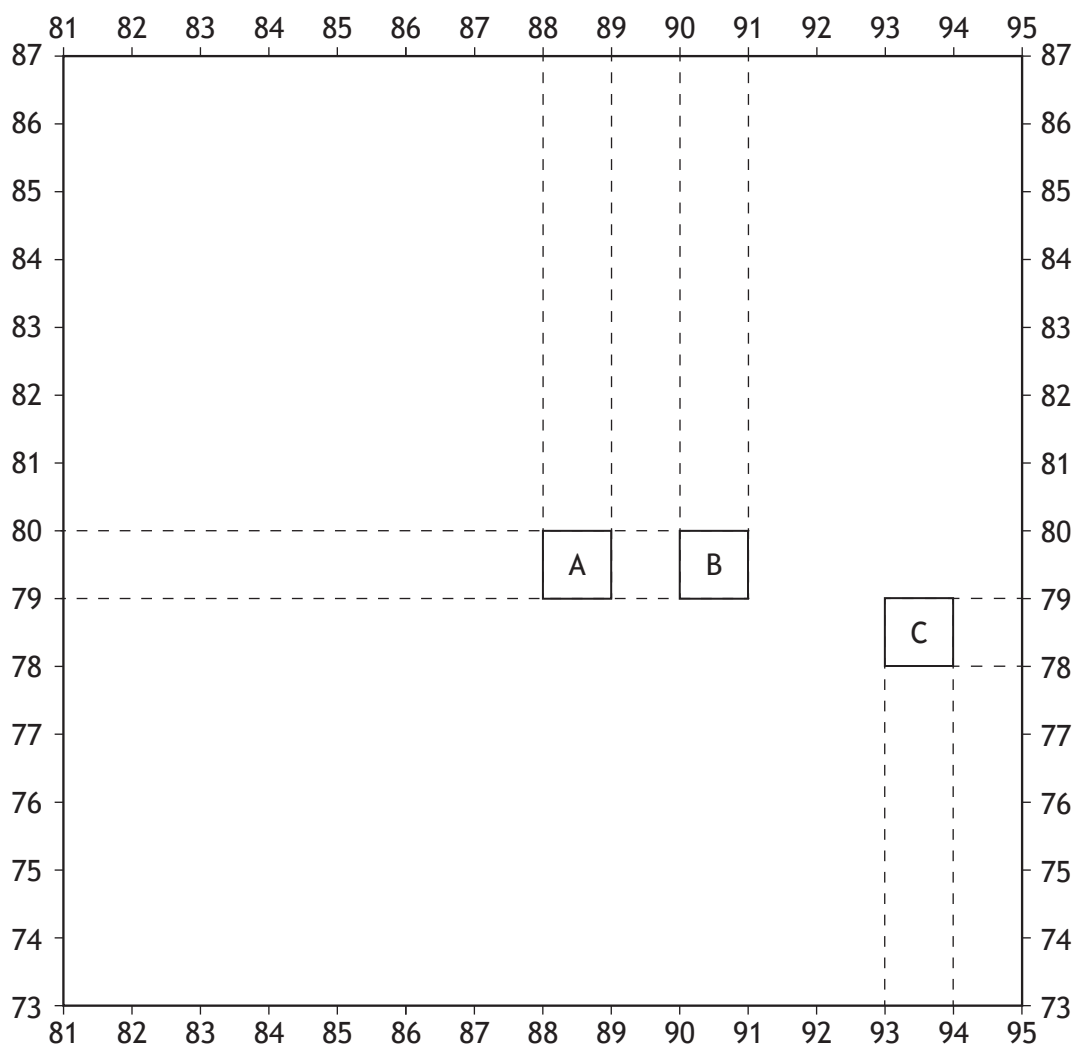
- new housing
- rural/urban fringe
- old industry

Choose from grid references: **7786, 8676, 9380, 9083.**

3

Question 8 (continued)

Diagram Q8 Sketch showing location of areas A, B and C on map extract



- (b) Study Diagram Q8 and the Ordnance Survey map extract of the Bridgend area
Give map evidence to **explain** why Area A (8879) is the suburbs and Area B (9079) is the CBD.
- (c) Study Diagram Q8 and the Ordnance Survey map extract of the Bridgend area.
An industrial estate is found in Area C (9378)
Using map evidence, **explain** the advantages of this location for an industrial estate.

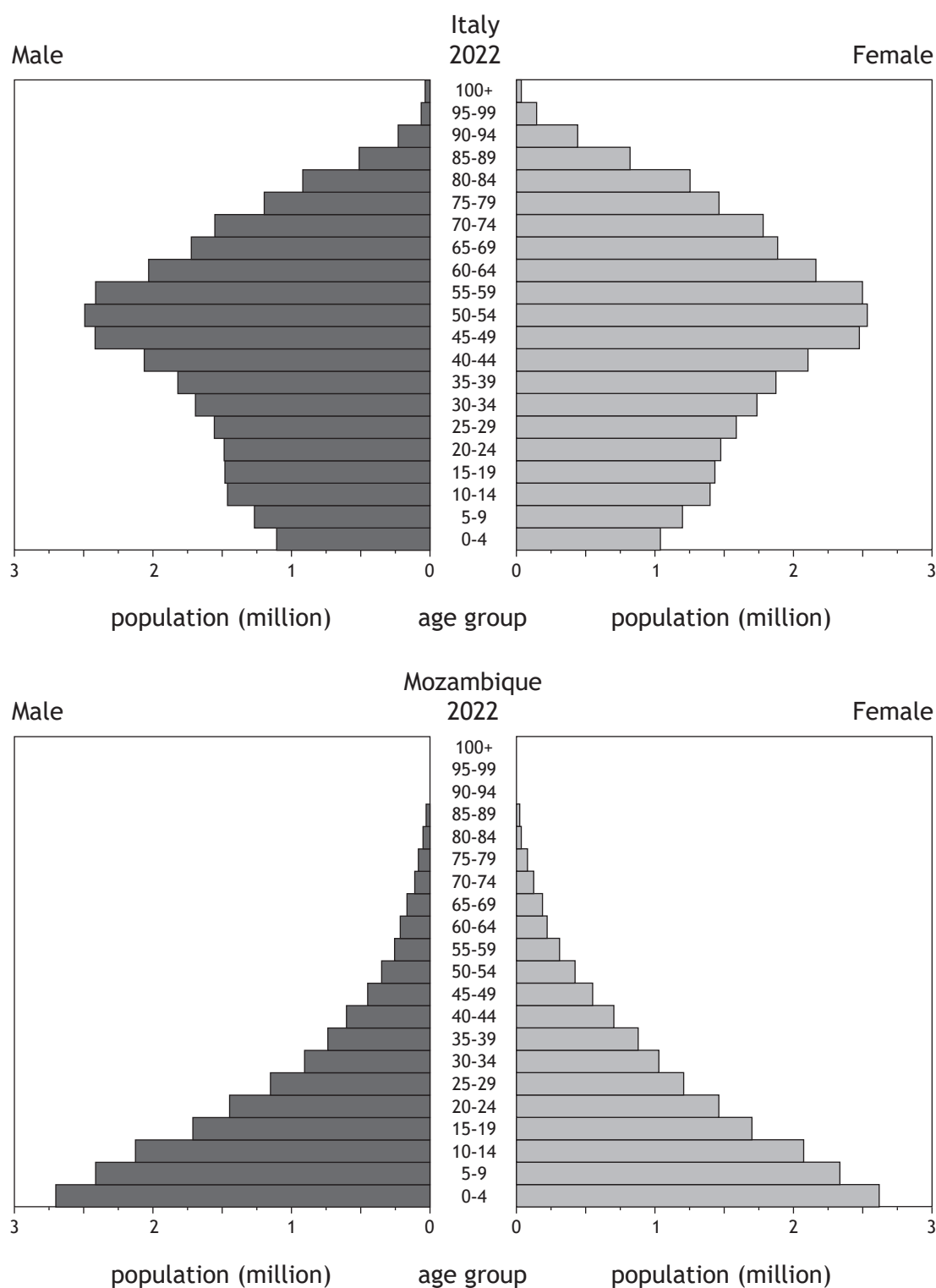
5

5

[Turn over

Question 9

Diagram Q9 Population Pyramids for Italy and Mozambique 2022



Study Diagram Q9.

Give reasons for the differences between the population structures of Italy and Mozambique.

You should refer to both birth rates **and** death rates in your answer.

Question 10

Diagram Q10 Area of informal housing



Look at Diagram Q10.

Explain methods used to improve living conditions in informal housing areas.

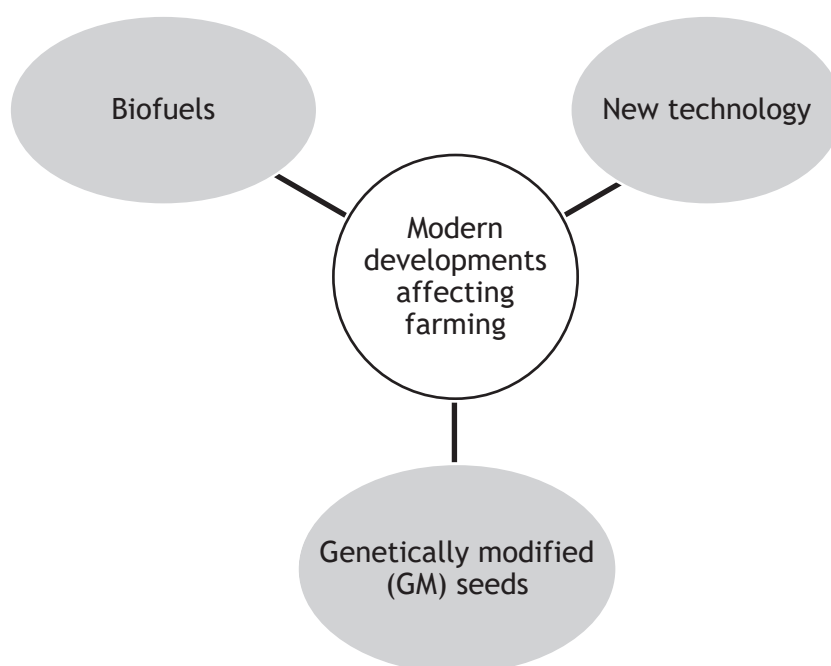
You should refer to a named **developing** world city you have studied.

5

[Turn over

Question 11

Diagram Q11 Modern developments affecting farming in developing countries



Explain the advantages **and** disadvantages which modern developments in farming have brought to **developing** countries.

6

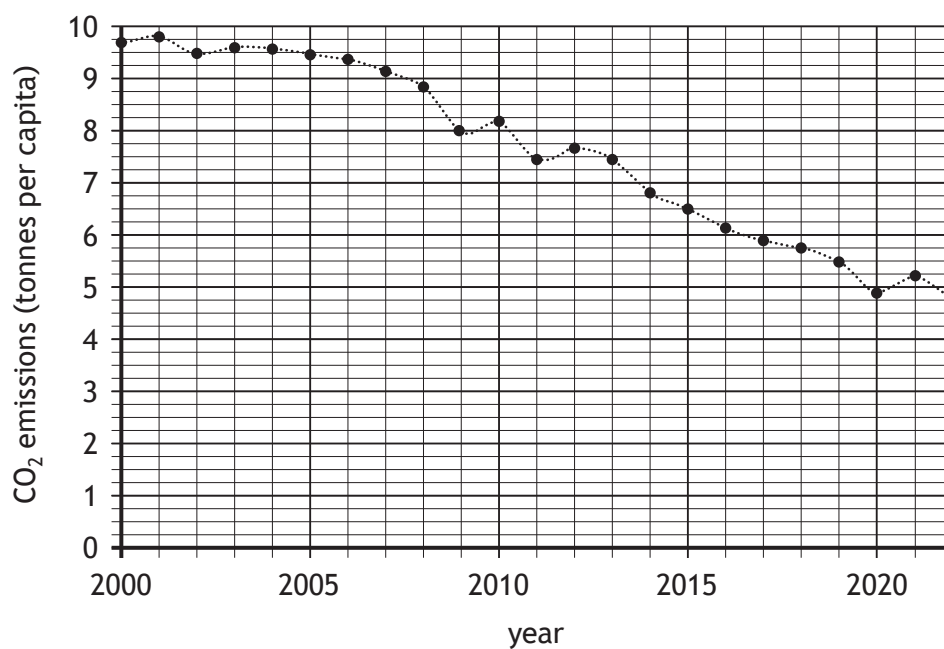
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SECTION 3 — GLOBAL ISSUES — 20 marks

Attempt any TWO questions

Question 12 — Climate change	<i>page 16</i>
Question 13 — Natural regions	<i>page 18</i>
Question 14 — Environmental hazards	<i>page 20</i>
Question 15 — Trade and globalisation	<i>page 22</i>
Question 16 — Tourism	<i>page 24</i>
Question 17 — Health	<i>page 26</i>

Question 12 — Climate change

Diagram Q12A UK annual CO₂ emissions from 2000–2022

(a) Study Diagram Q12A.

Describe, in detail, the changes in UK annual CO₂ emissions from 2000 to 2022.

4

Question 12 (continued)

Diagram Q12B A quote from the British Geological Survey

'Global climate change has typically occurred very slowly. However, research shows that the current climate is changing more rapidly.'

(b) Look at Diagram Q12B.

Explain the causes of climate change.

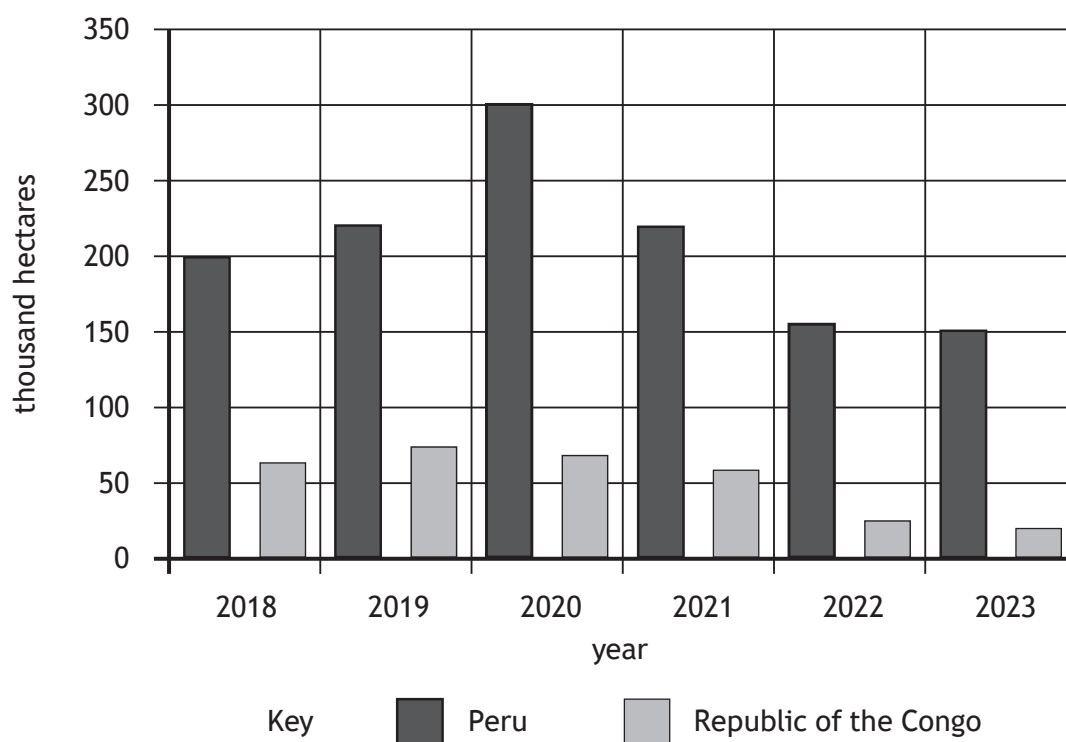
Your answer must refer to both physical **and** human causes.

6

[Turn over

Question 13 — Natural regions

Diagram Q13A Tropical Forest loss 2018–2023



(a) Study Diagram Q13A.

Describe, in detail, the changes in Tropical Forest loss from 2018 to 2023.

4

Question 13 (continued)

Diagram Q13B Developments in the tundra



(b) Look at Diagram Q13B.

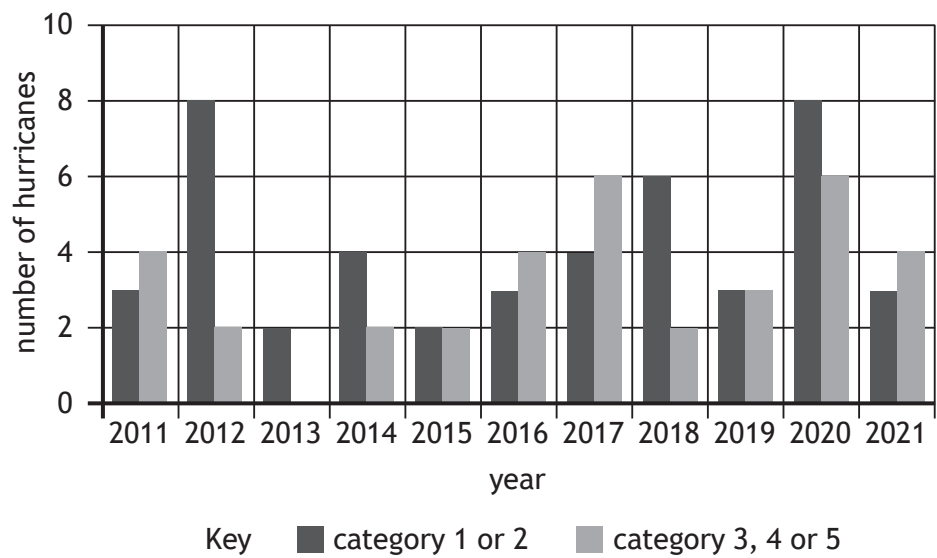
Explain the management strategies used to reduce the impact of human activity in the tundra.

6

[Turn over

Question 14 — Environmental hazards

Diagram Q14A Number of hurricanes 2011–2021



(a) Study Diagram Q14A.

Describe, in detail, the changes in the number of hurricanes from 2011 to 2021.

4

Question 14 (continued)

Diagram Q14B Cumbre Vieja eruption, Canary Islands 2021



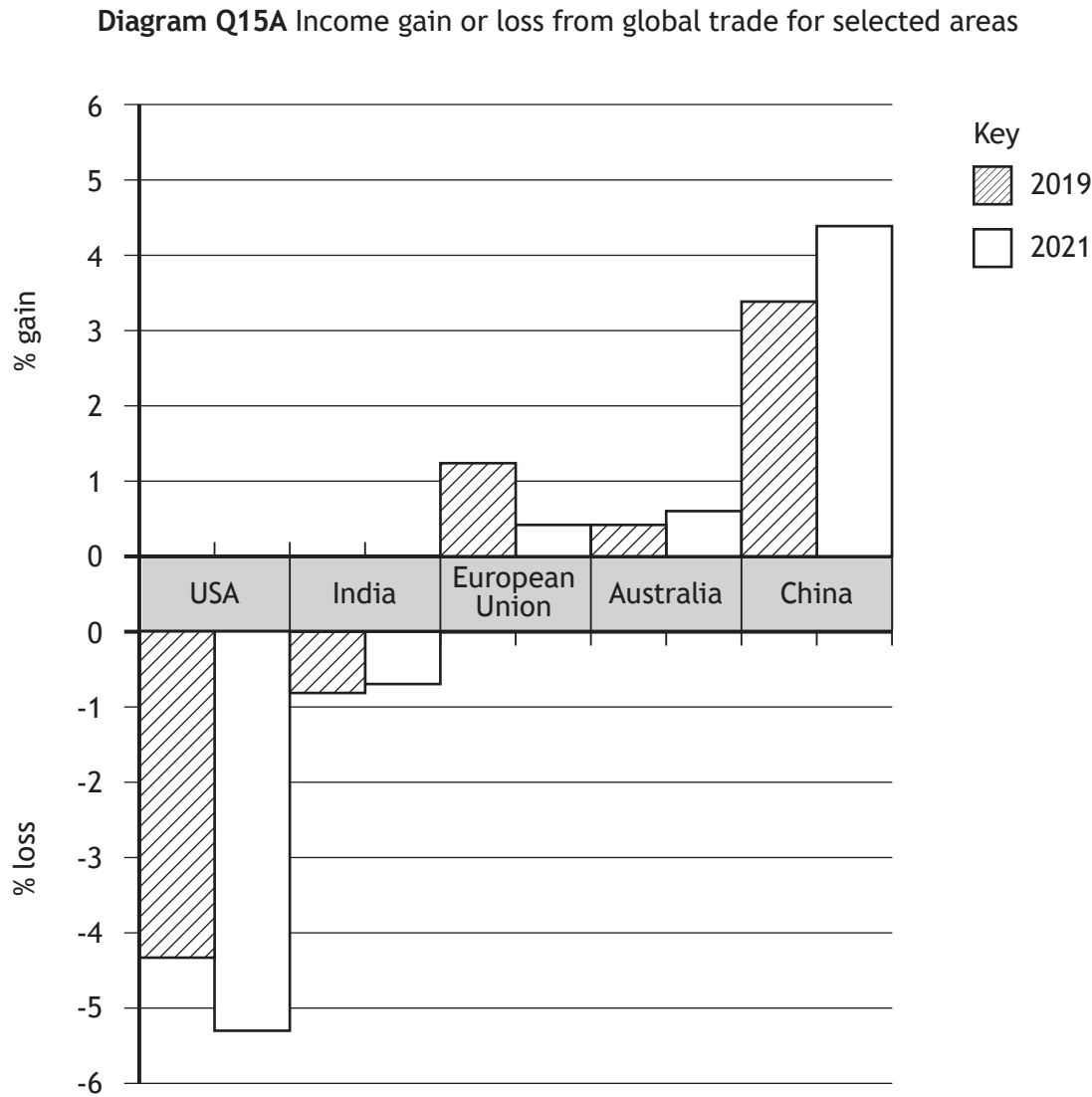
(b) Look at Diagram Q14B.

For the Cumbre Vieja eruption or any other volcano that you have studied, **explain** the strategies used to prepare for and reduce the effects of the eruption.

6

[Turn over

Question 15 — Trade and globalisation



(a) Study Diagram Q15A.

Describe, in detail, the changes in income from global trade between 2019 and 2021.

Question 15 (continued)

Diagram Q15B Cargo ship being loaded with containers



(b) Look at Diagram Q15B.

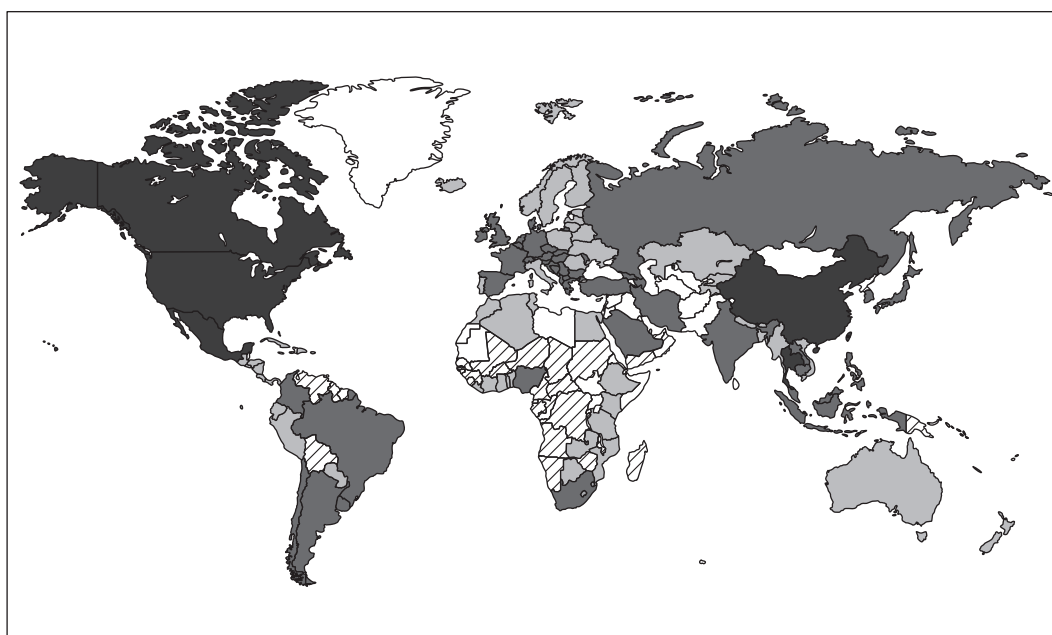
Explain the impact of world trade patterns on people and the environment.

6

[Turn over

Question 16 — Tourism

Diagram Q16A International tourist arrivals 2022



Key

 no data 0 - 1 million 2 - 10 million 11 - 199 million 200 - 300 million

(a) Study Diagram Q16A.

Describe, in detail, the number of international tourist arrivals in 2022.

4

Question 16 (continued)

Diagram Q16B Eco-tourist lodges in Norway



(b) Look at Diagram Q16B.

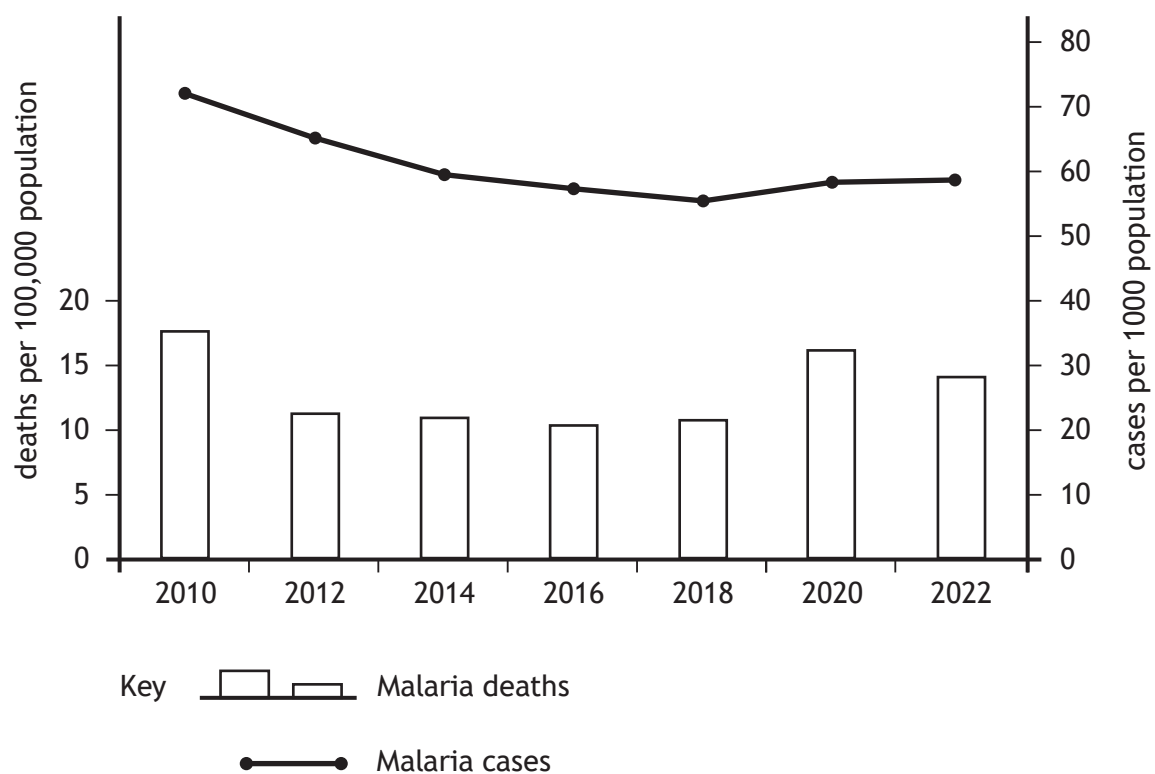
Describe ways in which eco-tourism can be managed in an area(s) you have studied.

6

[Turn over

Question 17 — Health

Diagram Q17A Malaria cases and deaths 2010–2022



(a) Study Diagram Q17A.

Describe, in detail, the changes in the number of malaria cases **and** deaths from 2010 to 2022.

4

Question 17 (continued)

Diagram Q17B Quote from a medical scientist

'The advances made in managing HIV/AIDS have been ground-breaking.'

(b) Look at Diagram Q17B.

Explain the methods used to manage HIV/AIDS.

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