



National
Qualifications
2015

X733/75/11

Geography

THURSDAY, 21 MAY

9:00 AM – 10:45 AM

Total marks — 60

SECTION 1 — PHYSICAL ENVIRONMENTS — 20 marks

Attempt EITHER question 1 OR question 2. **ALSO** attempt questions 3, 4 and 5.

SECTION 2 — HUMAN ENVIRONMENTS — 20 marks

Attempt questions 6, 7 and 8

SECTION 3 — GLOBAL ISSUES — 20 marks

Attempt any TWO of the following

Question 9 — Climate Change

Question 10 — Impact of Human Activity on the Natural Environment

Question 11 — Environmental Hazards

Question 12 — Trade and Globalisation

Question 13 — Tourism

Question 14 — Health

Credit will always be given 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 7 3 3 7 5 1 1 *

SECTION 1 — PHYSICAL ENVIRONMENTS — 20 marks

Attempt EITHER Question 1 or Question 2
AND Questions 3, 4 and 5

Question 1 — Coastal Landscapes

Study the Ordnance Survey Map Extract (Item A) of the Salcombe area.

- (a) Match these grid references with the correct coastal features

Grid references: **766356, 674398, 690382**

Choose from features: cliff; headland; bay; stack.

3

- (b) **Explain** the formation of **one** of the coastal features listed in part (a).

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

4

NOW ANSWER QUESTIONS 3, 4 AND 5

DO NOT ANSWER THIS QUESTION IF YOU HAVE ALREADY ANSWERED QUESTION 1

Question 2 — Rivers and Valleys

Study the Ordnance Survey Map Extract (Item A) of the Salcombe area.

- (a) Match these grid references with the correct river features

Grid references: **708473, 713410, 684466**

Choose from features: levée; meander; v-shaped valley; waterfall.

3

- (b) **Explain** the formation of **one** of the river features listed in part (a).

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

4

NOW ANSWER QUESTIONS 3, 4 AND 5

Question 3

Diagram Q3: Quote from a Local Landowner

“This area has the potential for a variety of different land uses, including farming, forestry, recreation/tourism, water storage/supply, industry and renewable energy.”

Study Diagram Q3 and the Ordnance Survey Map Extract (Item A) of the Salcombe area.

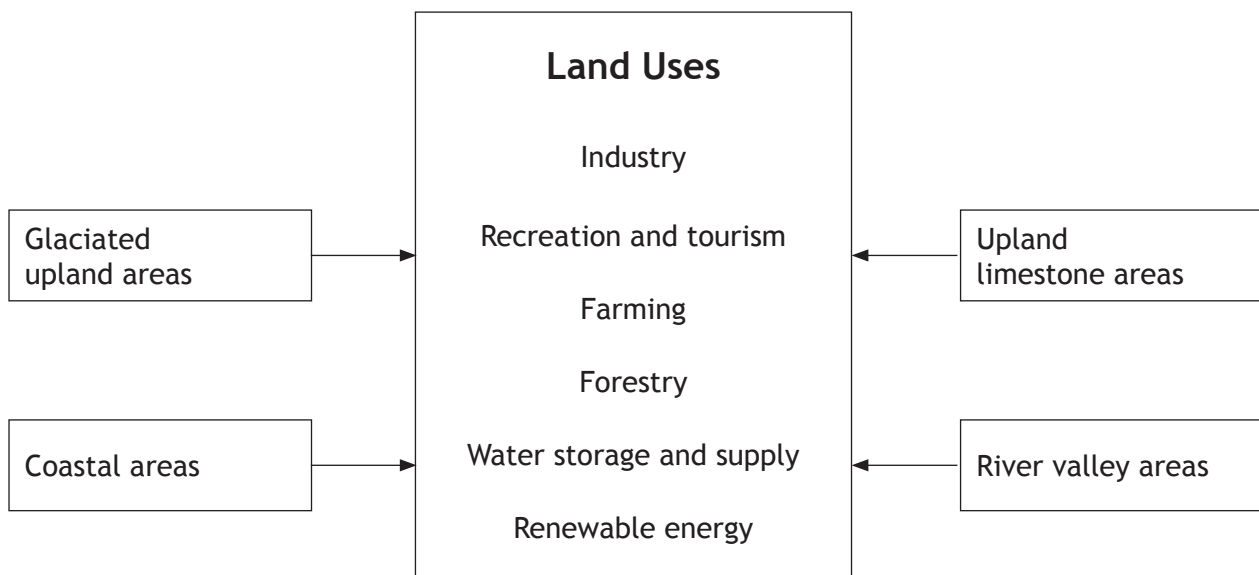
Choose **two** different land uses shown in Diagram Q3.

Using map evidence, **explain** how the area shown on the map extract is suitable for your chosen land uses.

5

Question 4

Diagram Q4: Selected Land Uses



Look at Diagram Q4 above.

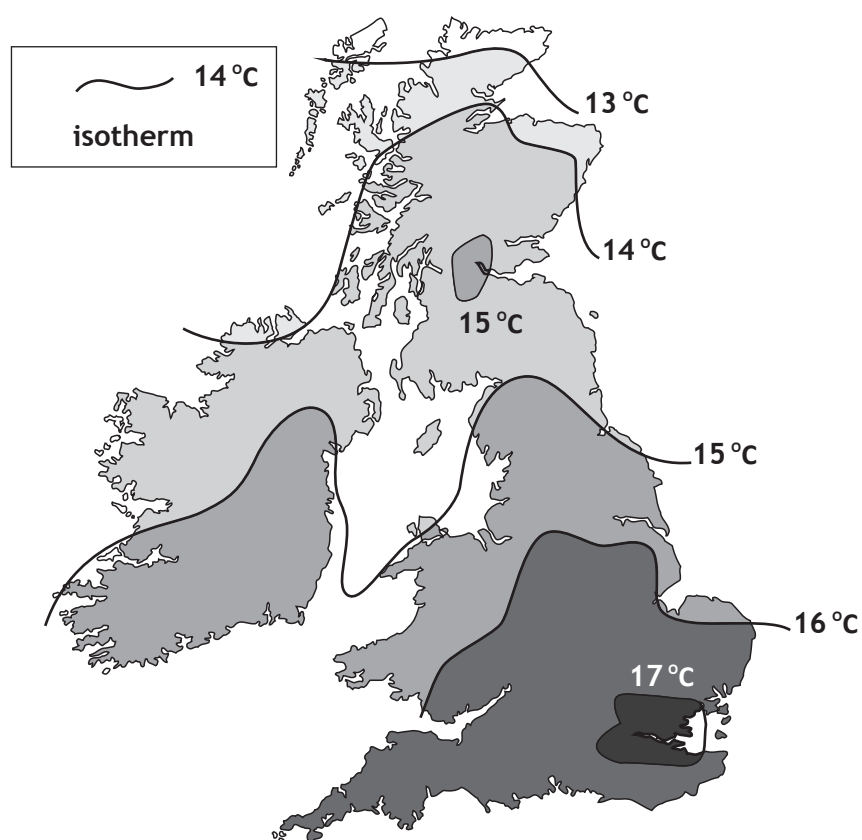
For a named area you have studied, **explain, in detail**, ways in which **two** different land uses may be in conflict with each other.

4

[Turn over

Question 5

Diagram Q5: Average UK Temperatures in July



Look at Diagram Q5.

Explain the factors which cause differences in average UK temperatures.

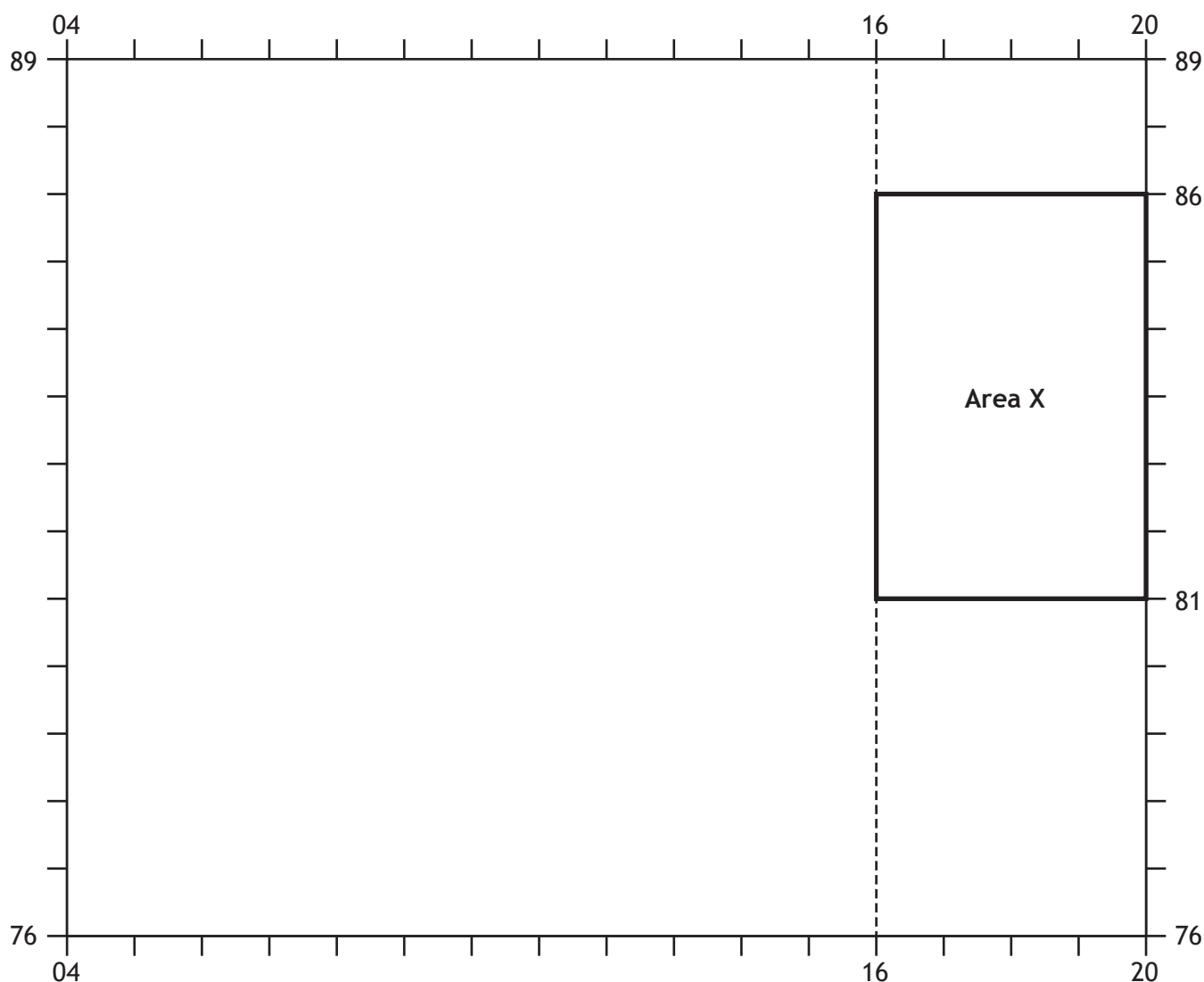
4

SECTION 2 — HUMAN ENVIRONMENTS — 20 marks

Attempt Questions 6, 7 and 8

Question 6

Diagram Q6



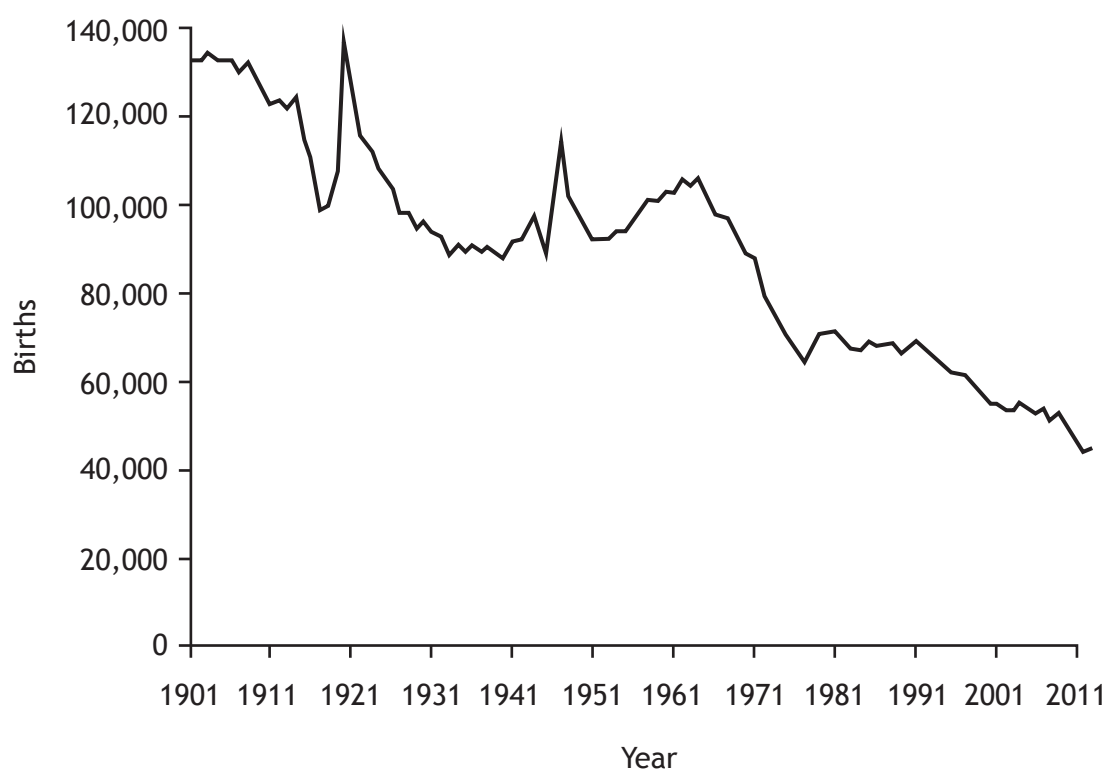
Study the Ordnance Survey Map Extract (Item B) of the Birmingham area and Diagram Q6 above.

- (a) Give map evidence to show that part of the Central Business District (CBD) of Birmingham is found in grid square 0786.
- (b) Find Area X on Diagram Q6 and the map extract (Item B).

Birmingham Airport, a golf course, a business park and a housing area are found in Area X on the rural/urban fringe of Birmingham. Using map evidence **explain** why such developments are found there.

Question 7

Diagram Q7: Births in Scotland 1901–2011



Look at Diagram Q7

Give reasons why the birth rate has decreased in developed countries such as Scotland.

6

Question 8

Diagram Q8: Shanty Town Improvements in Brazil



Look at Diagram Q8

For a named city in the developing world **describe, in detail**, measures taken to improve conditions in shanty towns.

6

[Turn over

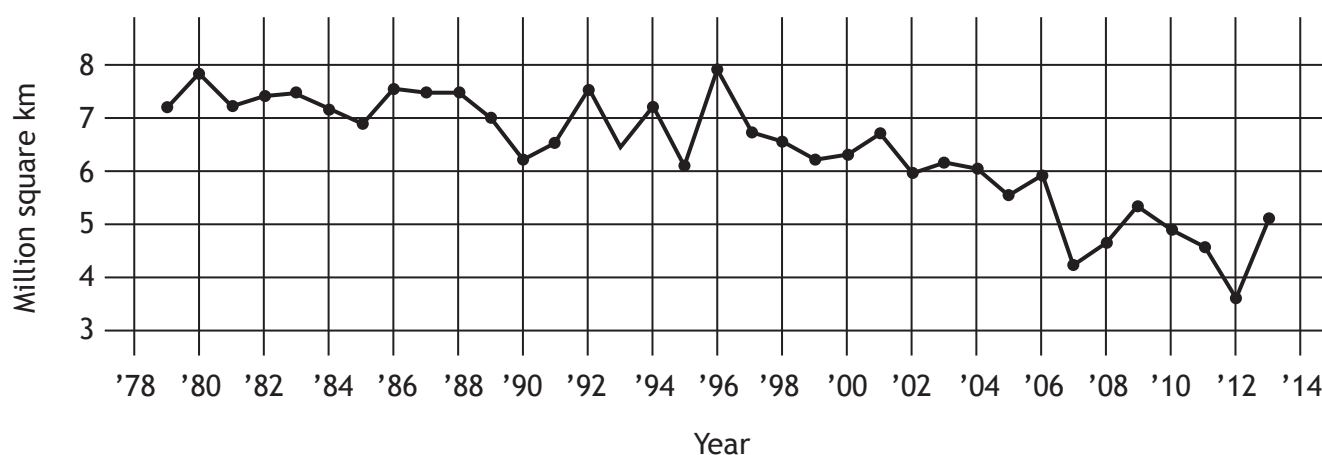
SECTION 3 — GLOBAL ISSUES — 20 marks

Attempt any TWO questions

Question 9 — Climate Change	(Page 9)
Question 10 — Impact of Human Activity on the Natural Environment	(Page 10)
Question 11 — Environmental Hazards	(Page 11)
Question 12 — Trade and Globalisation	(Page 12)
Question 13 — Tourism	(Page 13)
Question 14 — Health	(Page 14)

Question 9 — Climate Change

Diagram Q9: Area of Arctic Sea Ice (1979–2013)



Study Diagram Q9

(a) Describe, in detail, the changes in the area of Arctic Sea ice.

4

(b) Melting sea ice is one effect of climate change.

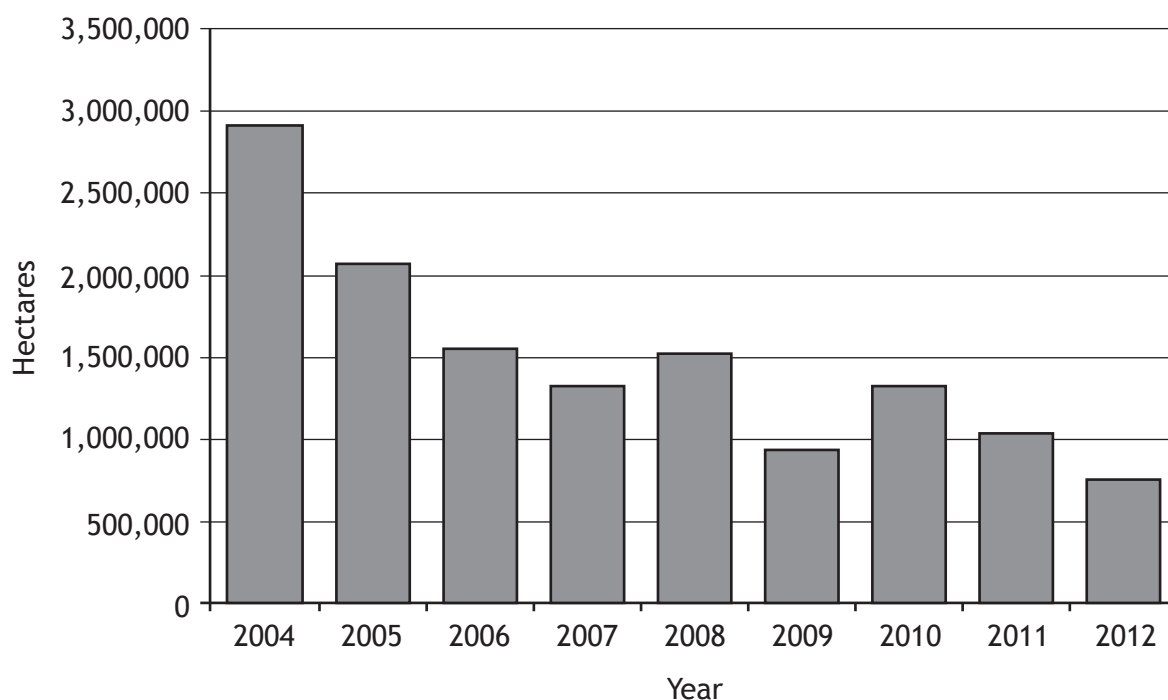
Explain some other effects of climate change.

6

[Turn over

Question 10 — Impact of Human Activity on the Natural Environment

Diagram Q10A: Deforestation in Peru 2004–2012



(a) Study Diagram Q10A.

Describe, in detail, the changes in deforestation in Peru from 2004 to 2012.

4

Diagram Q10B: Human Activity in the Tundra and Equatorial regions.



Oil pipeline in the Tundra



Cattle ranching in the Rainforest

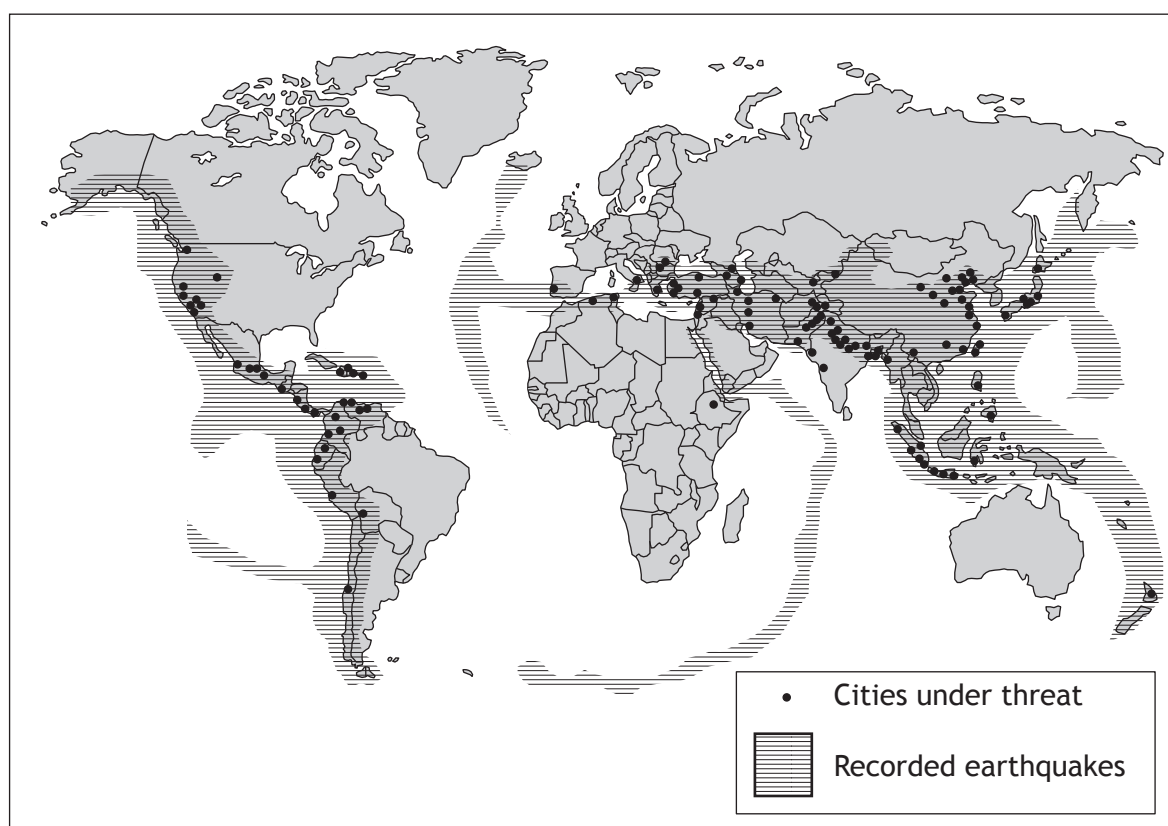
(b) Look at Diagram Q10B.

For a named area you have studied, **explain** the impact of recent human activity on people and the environment.

6

Question 11 — Environmental Hazards

Diagram Q11A: Earthquake Threatened Cities



(a) Study Diagram Q11A.

Describe, in detail, the distribution of cities most threatened by earthquakes.

4

Diagram Q11B: Newspaper Headline



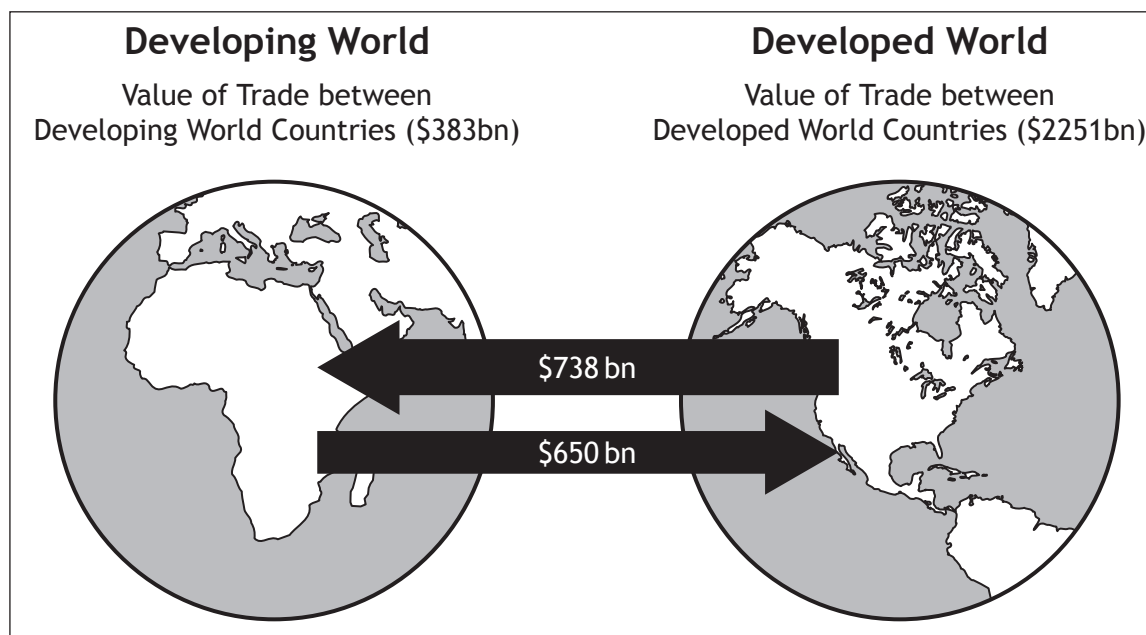
(b) Look at Diagram Q11B.

Explain, in detail, the strategies used to reduce the impact of an earthquake.

You must refer to named examples you have studied in your answer.

6

Diagram Q12A: Pattern of World Trade

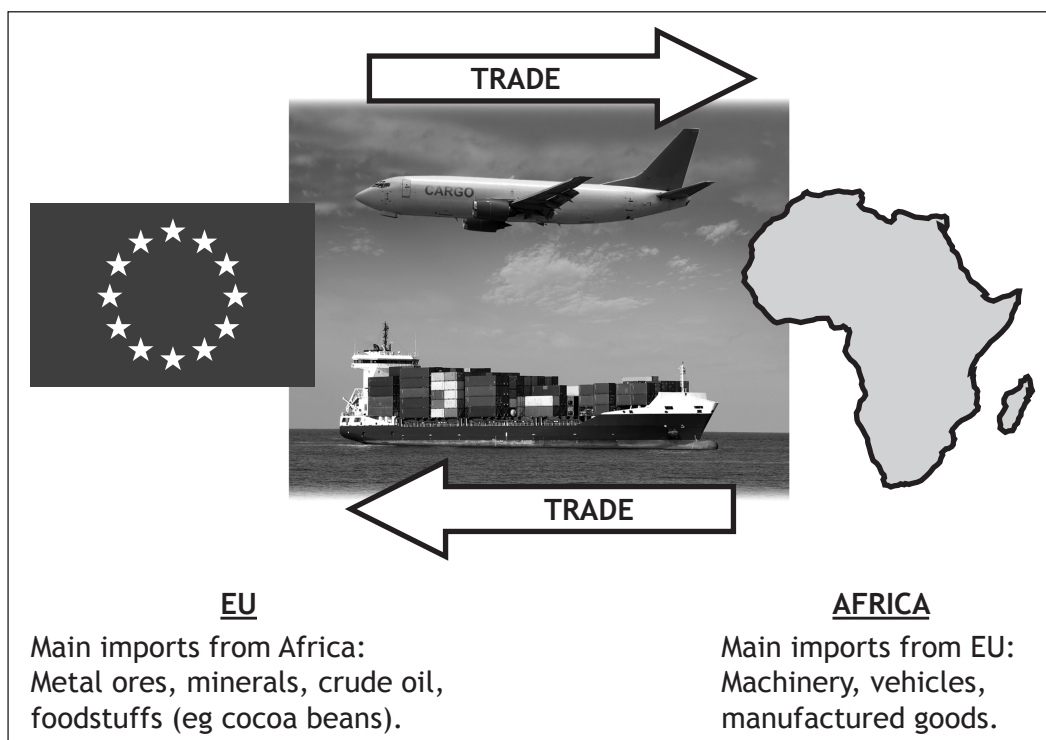


(a) Study Diagram Q12A.

Describe, in detail, the pattern of world trade.

4

Diagram Q12B: Trade Between Africa and the European Union (EU)



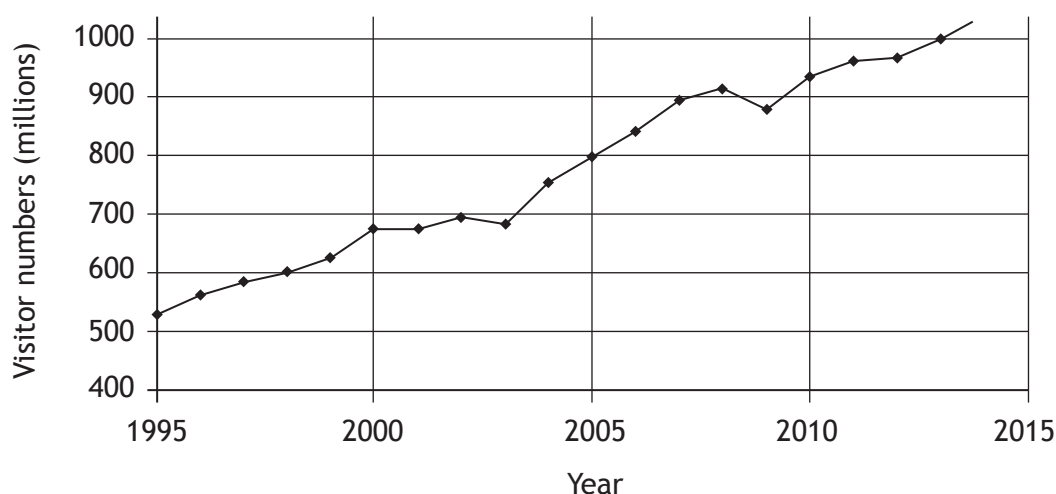
(b) Look at Diagram Q12B.

Referring to example(s) you have studied, **describe** the impact of world trade on people and the environment.

6

Question 13 — Tourism

Diagram Q13A: Global Visitor Numbers: 1995–2013



(a) Study Diagram Q13A.

Describe, in detail, the changes in global visitor numbers since 1995.

4

Diagram Q13B: Quote from Rainforest Community Leader

“ECO-TOURISM has helped us to support environmental protection and improve the well-being of our people all year round.”

(b) Look at Diagram Q13B.

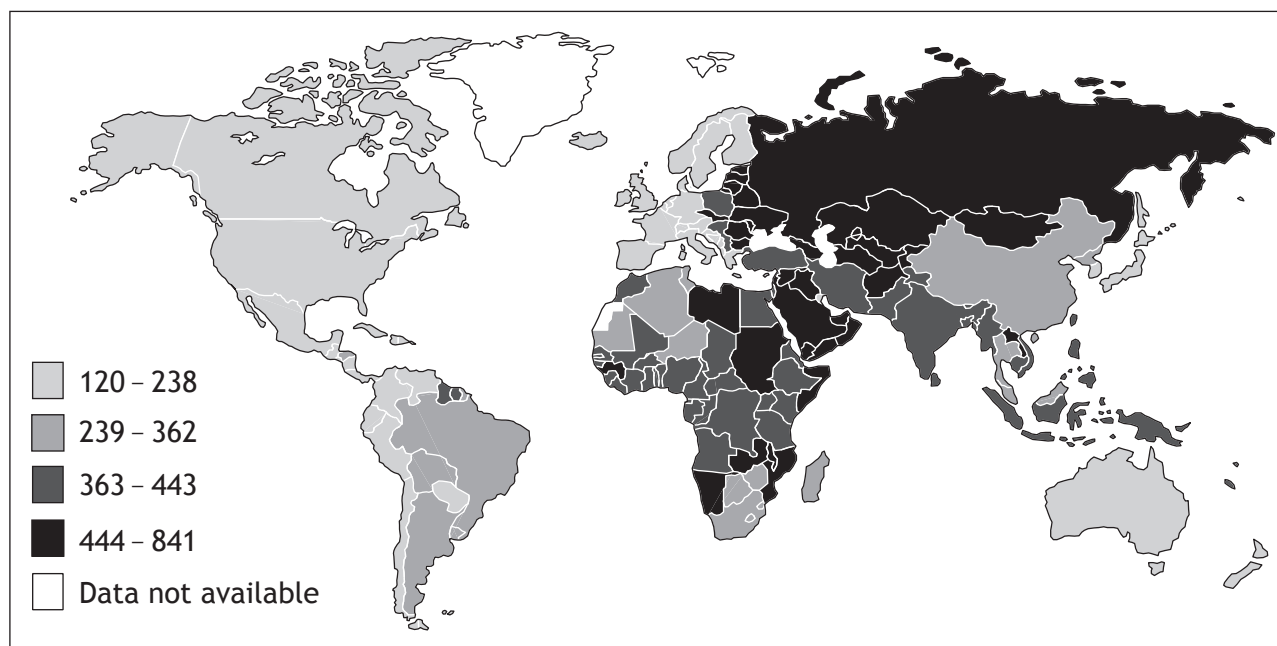
For a named tourist area you have studied, **describe, in detail** the impact of eco-tourism on people **and** the environment.

6

[Turn over for Question 14 on *Page fourteen*

Question 14 — Health

**Diagram Q14A: Worldwide Male Deaths from Heart Disease in 2011
(per 100,000 Males)**



(a) Study Diagram Q14A.

Describe, in detail, the distribution of male deaths from heart disease.

4

Diagram Q14B: Selected Developing World Diseases

- Malaria
- Cholera
- Kwashiorkor
- Pneumonia

(b) Choose **one** disease from Diagram Q14B above.

For the disease you have chosen, explain the methods used to control it.

6

[END OF QUESTION PAPER]

[BLANK PAGE]

DO NOT WRITE ON THIS PAGE

ACKNOWLEDGEMENTS

Diagram Q10B – Gary Whitton/shutterstock.com
Kanokratnok/shutterstock.com

Diagram Q11B – justasc/shutterstock.com

Diagram Q12B – Lledo/shutterstock.com
Ivan Cholakov/shutterstock.com