



National
Qualifications
2017

X733/75/11

Geography

FRIDAY, 26 MAY

1:00 PM – 2:45 PM

Total marks — 60

SECTION 1 — PHYSICAL ENVIRONMENTS — 20 marks

Attempt EITHER Question 1 OR Question 2. **ALSO** attempt Questions 3 and 4.

SECTION 2 — HUMAN ENVIRONMENTS — 20 marks

Attempt Questions 5, 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 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.



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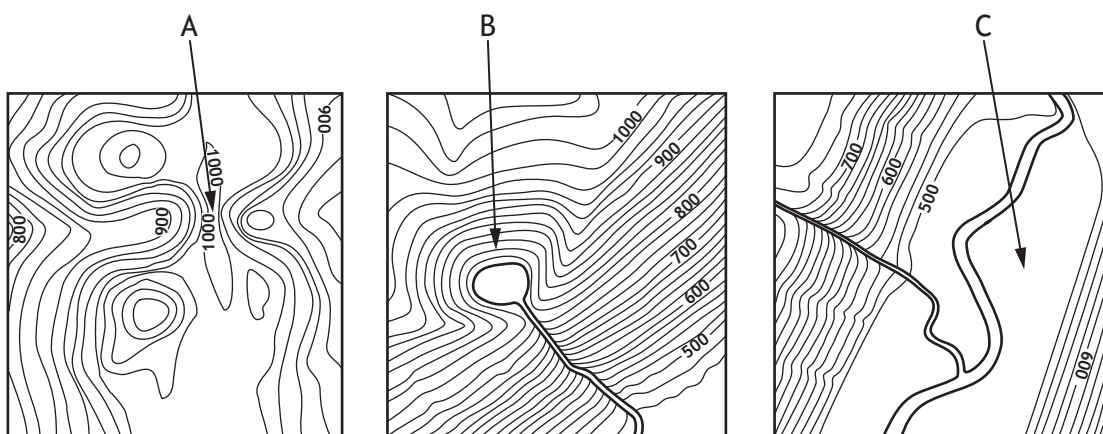
SECTION 1 — PHYSICAL ENVIRONMENTS — 20 marks

Attempt EITHER Question 1 OR Question 2

ALSO attempt Questions 3 and 4

Question 1: Glaciated Upland

Diagram Q1: Glacial contour patterns



- (a) Match the letters on Diagram Q1 with the correct glacial features below.

Choose from:

U-shaped valley corrie pyramidal peak arête

3

- (b) Explain the processes involved in the formation of a U-shaped valley.

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

4

- (c) Explain different ways in which people use glaciated landscapes.

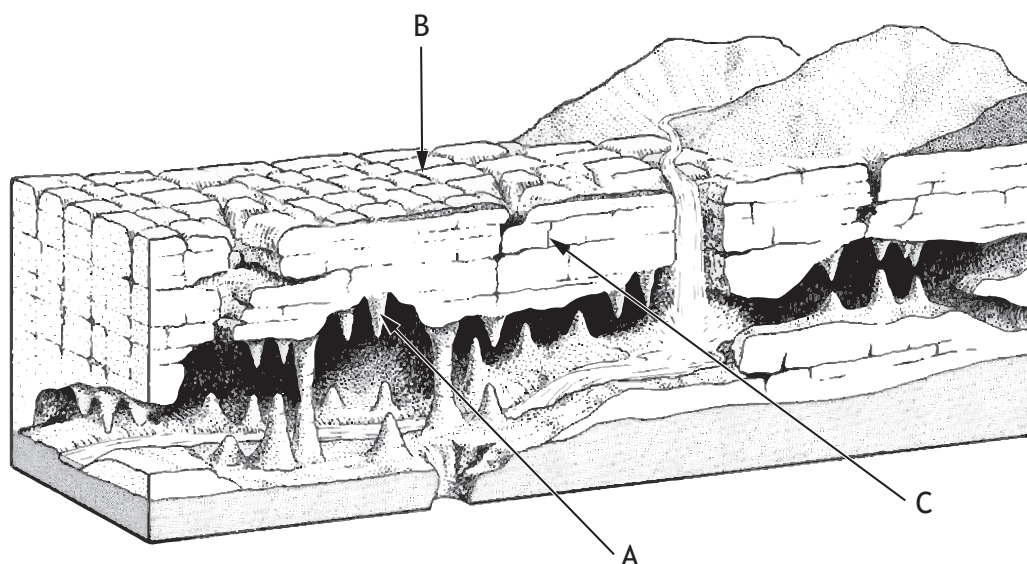
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NOW ATTEMPT QUESTIONS 3 AND 4

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

Question 2: Upland Limestone

Diagram Q2: Upland limestone landscape



- (a) Match the letters on Diagram Q2 with the correct limestone features below.
Choose from:

stalactite stalagmite clint grike joint bedding plane

3

- (b) **Explain** the formation of a limestone pavement.
You may use a diagram(s) in your answer.

4

- (c) **Explain** different ways in which people use limestone landscapes.

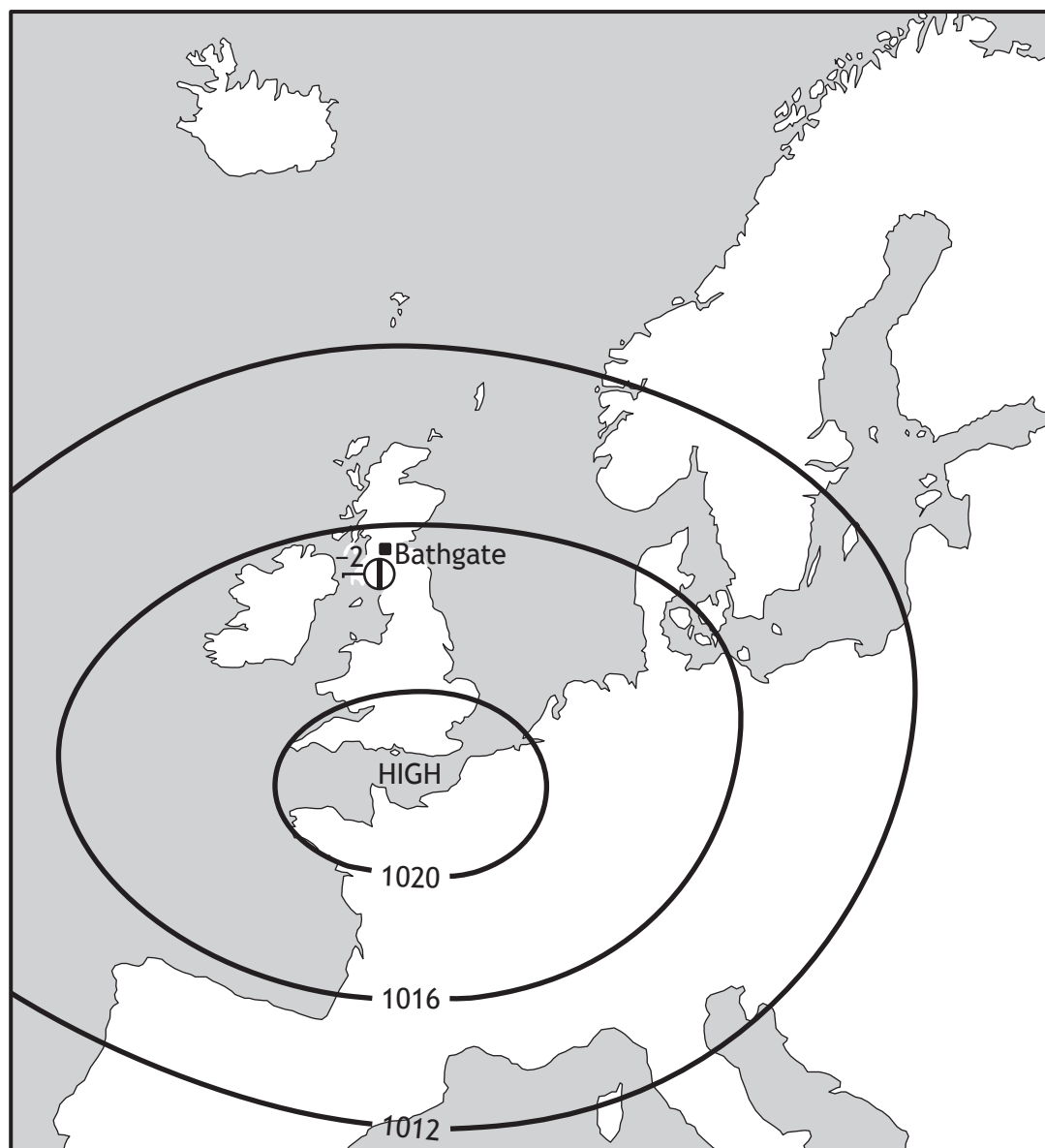
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NOW ATTEMPT QUESTIONS 3 AND 4

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Question 3

Diagram Q3: Synoptic chart for 12.00 on 28th December 2014



Study Diagram Q3.

Give reasons for the weather conditions at Bathgate on 28th December 2014.

5

Question 4

Anticyclones bring different weather conditions throughout the year.

Describe the benefits and problems of an anticyclone in **summer**.

4

SECTION 2 — HUMAN ENVIRONMENTS — 20 marks

Attempt Questions 5, 6, 7 and 8

Question 5

Study the Ordnance Survey map extract (Item A) of the Edinburgh area.
Match the grid references with the correct urban land use zone.

Grid references: **2568, 2573, 2671**

Choose from the urban land use zones below.

- **CBD**
- **new industry**
- **new housing**
- **old housing**

3

Question 6

Study the Ordnance Survey map extract (Item A) of the Edinburgh area.
There is a plan to build new housing in grid square 2667.

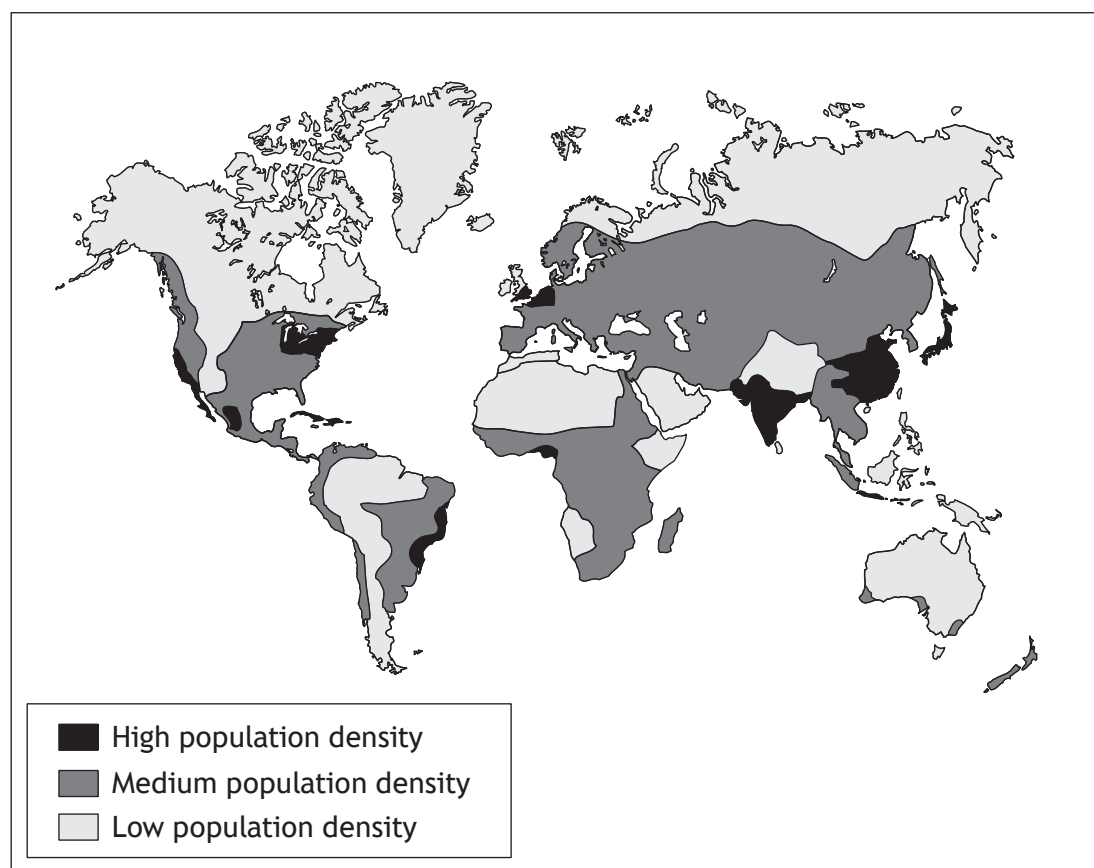
Using map evidence, **explain** why this area is suitable for new housing.

5

[Turn over

Question 7

Diagram Q7: World Population Density



Look at Diagram Q7.

Explain why there are areas of different population density across the world.

Your answer should refer to both physical **and** human factors.

6

Question 8

Diagram Q8: Shanty Town



Look at Diagram Q8.

Referring to an area you have studied, describe different ways shanty towns are being improved.

6

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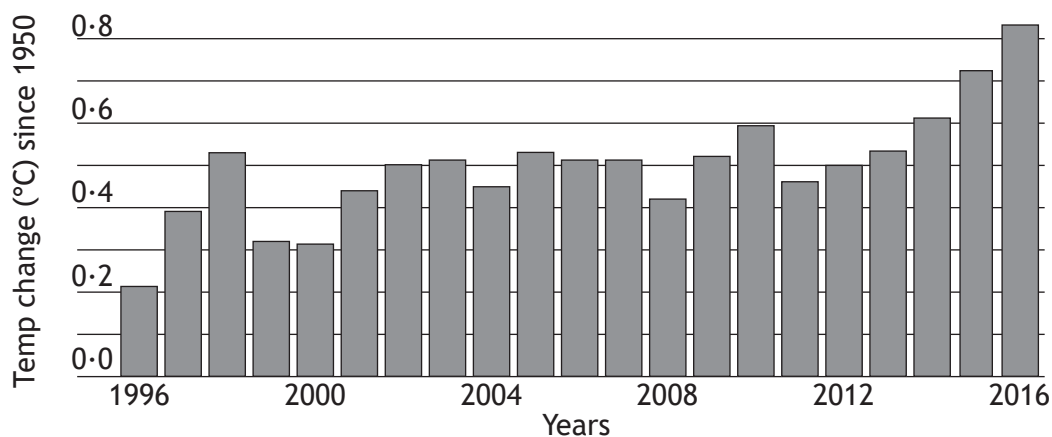
SECTION 3 — GLOBAL ISSUES — 20 marks

Attempt any TWO questions

Question 9 — Climate Change	(Page 09)
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 Q9A: Average Global Temperature Change 1996–2016

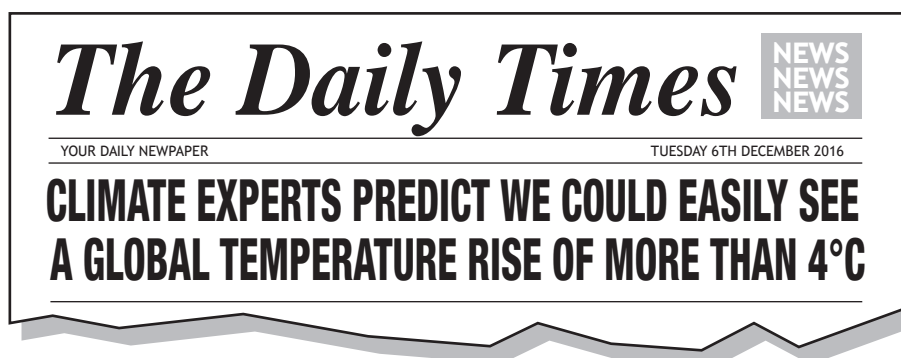


(a) Study Diagram Q9A.

Describe, in detail, average global temperature change from 1996 to 2016.

4

Diagram Q9B: Newspaper Headline



(b) Look at Diagram Q9B.

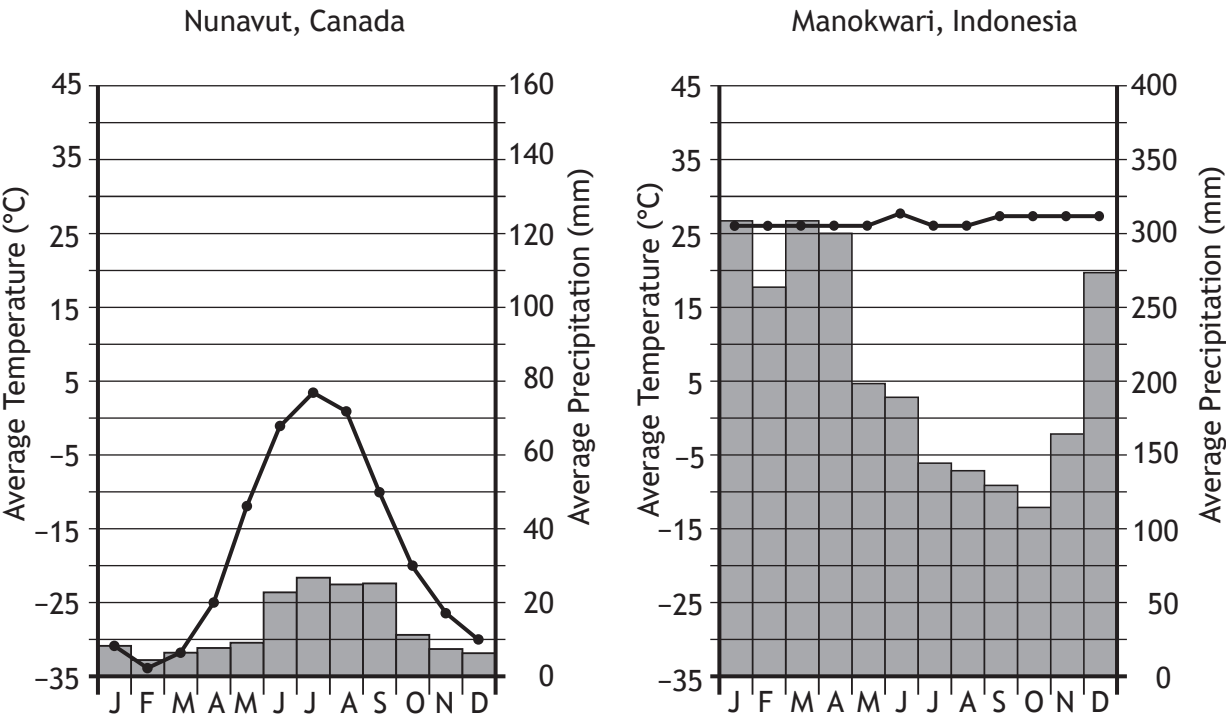
Explain, in detail, strategies used to minimise future climate change.

6

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Question 10 — Impact of Human Activity on the Natural Environment

Diagram Q10



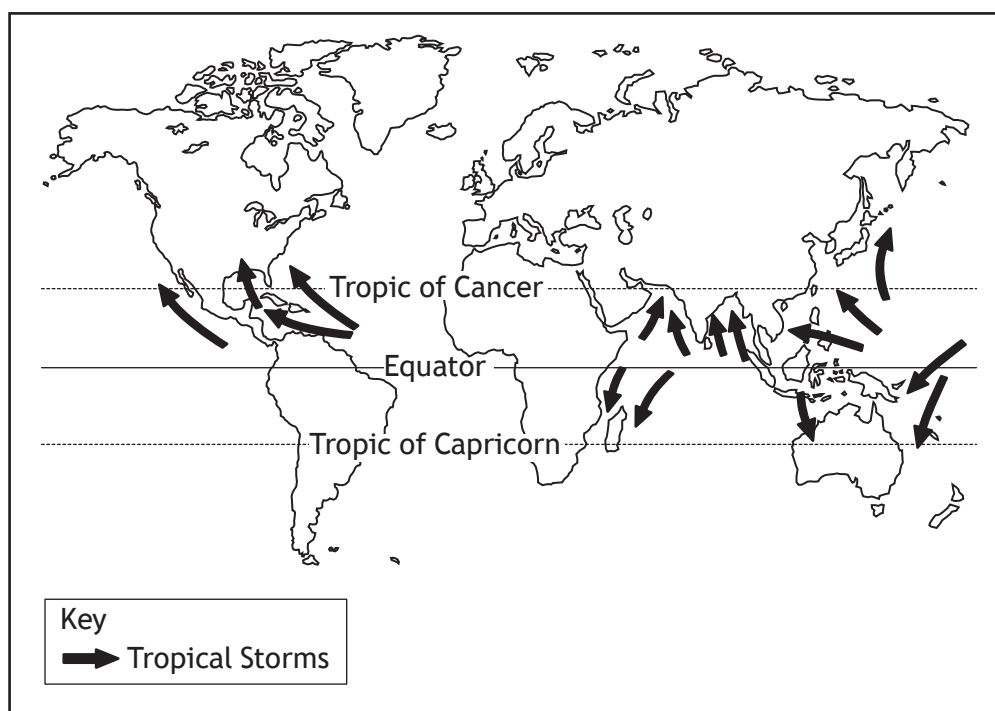
- (a) Study Diagram Q10.
Use the information in Diagram Q10 to **describe, in detail**, the differences between the two climates shown.
- (b) For a named **tundra** or **equatorial** area which you have studied, **explain** the impact of human activity on people **and** the environment.

4

6

Question 11 — Environmental Hazards

Diagram Q11A: World Distribution of Tropical Storms



(a) Study Diagram Q11A.

Describe, in detail, the distribution of tropical storms.

4

Diagram Q11B: A Tropical Storm hits coastal town



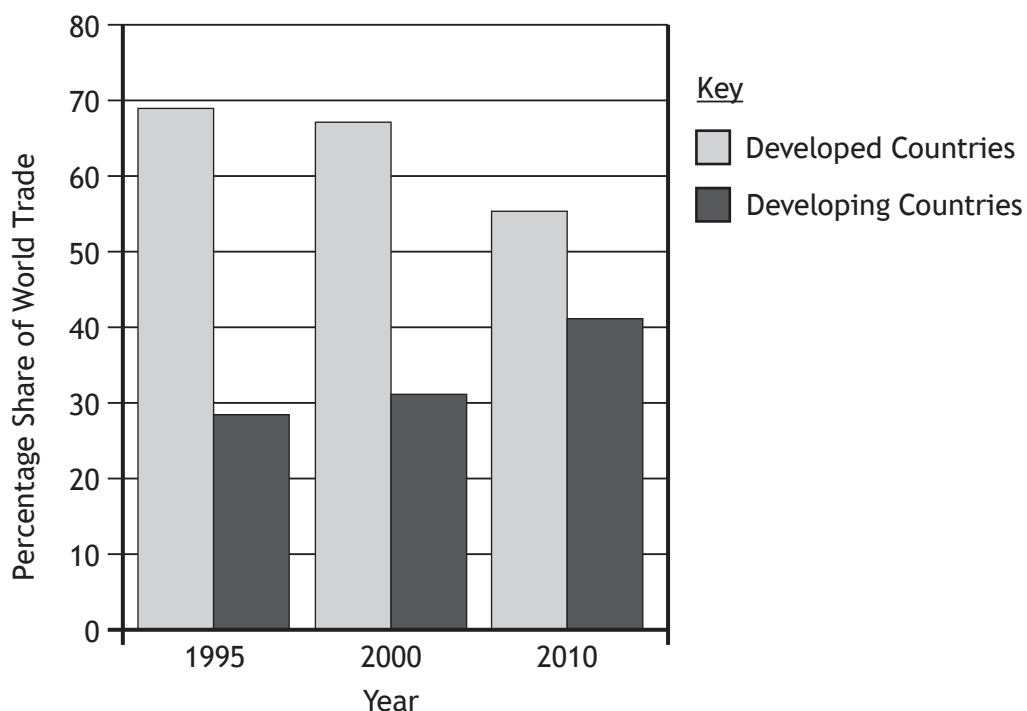
(b) Look at Diagram Q11B.

For a tropical storm you have studied, **explain in detail** the impacts of the storm on people and the environment.

6

Question 12 — Trade and Globalisation

Diagram Q12A: Percentage Share of World Trade 1995–2010

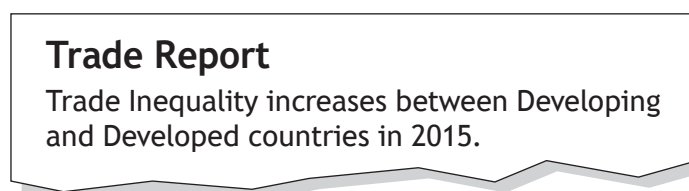


(a) Study Diagram Q12A.

Describe, in detail, the changes in percentage share of world trade from 1995–2010.

4

Diagram Q12B: Trade Report



(b) Look at Diagram Q12B.

Explain, in detail, the causes of inequalities in trade between developed and developing countries.

6

Question 13 — Tourism

Diagram Q13A: Origin of Tourists Visiting Scotland (thousands)

COUNTRY	2006	2010	2014
USA	475	275	418
Germany	278	253	343
France	229	196	190
Australia	133	147	158
Netherlands	114	135	149
Canada	161	98	122
Ireland	224	185	113
Spain	142	139	101
Rest of World	976	913	1,106
TOTAL	2,732	2,341	2,700

- (a) Study Diagram Q13A.

Describe, in detail, the changes in the number of tourists visiting Scotland from different countries between 2006 and 2014.

4

Diagram Q13B: Quote from a tour operator

“Mass tourism has increased since the 1950s with many locations at home and abroad experiencing a record number of visitors year on year.”

- (b) Look at Diagram Q13B.

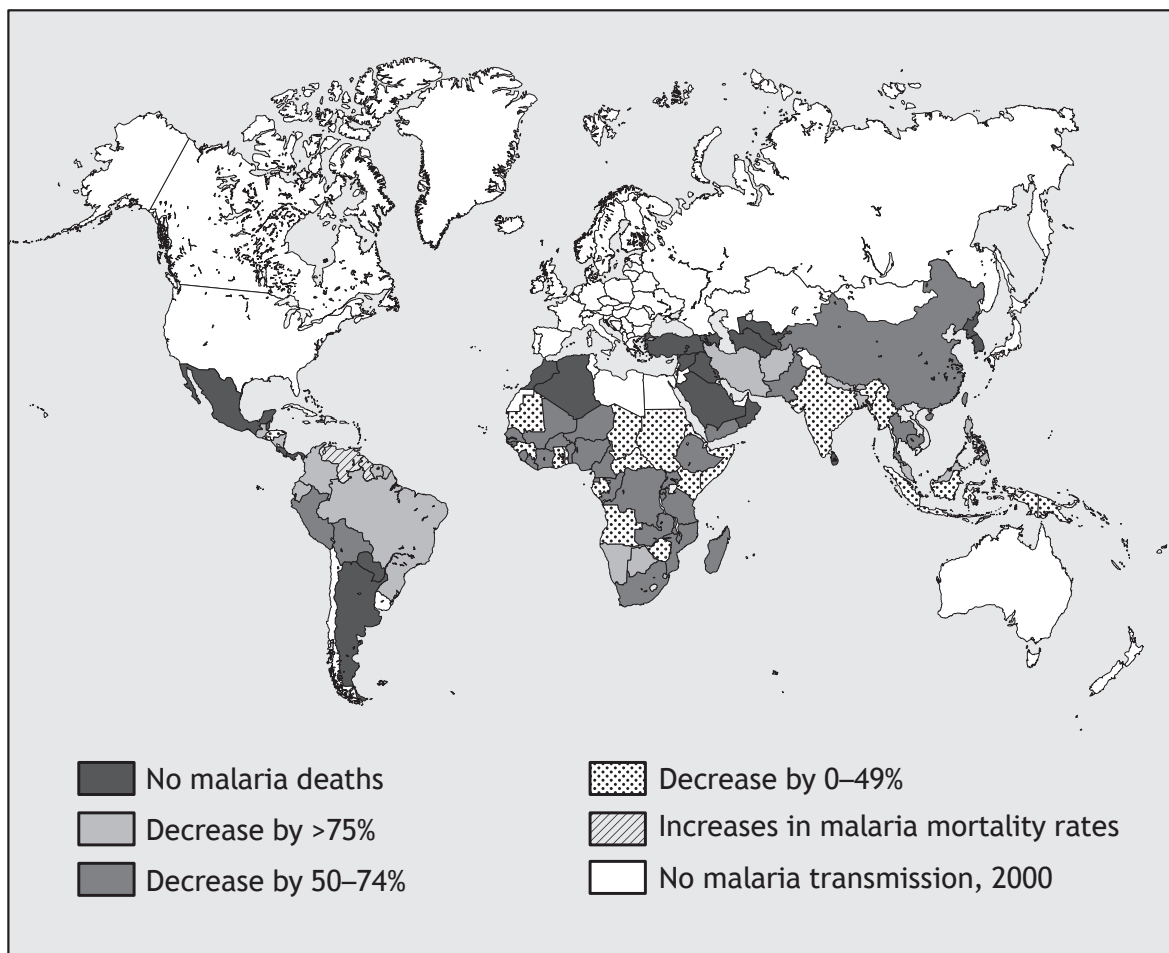
Give reasons for the increase in mass tourism.

6

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Question 14 — Health

Diagram Q14A: Percentage Change in Death Rates from Malaria, 2000–2013



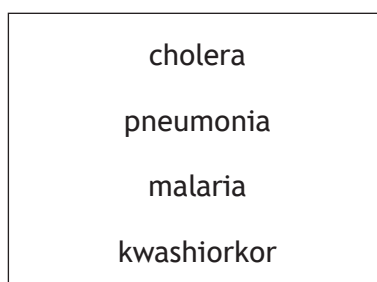
(a) Study Diagram Q14A.

Describe, in detail, the changes in death rates from malaria.

4

Question 14 — Health (continued)

Diagram Q14B: Selected Developing World Diseases



(b) Look at Diagram Q14B.

Choose **one** disease from Diagram Q14B above.

For the disease you have chosen, explain the impact on people **and** the countries affected.

6

[END OF QUESTION PAPER]

ACKNOWLEDGEMENTS

Question 8 – De Visu/shutterstock.com

Question 11(b) – Fabio Lamanna/shutterstock.com