



National  
Qualifications  
2014

X733/75/01

Geography

THURSDAY, 29 MAY

9:00 AM — 10:30 AM

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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

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.

Credit will always be given for appropriately labelled sketch maps and diagrams.

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  
AND Questions 3 and 4**

**Question 1 — Glaciated Uplands**

- (a) Study the Ordnance Survey Map Extract (No 2072/15 & 16).

Match these glaciated features with the correct grid references

Features: **U-shaped valley; corrie; arête**

Choose from grid references: 354135, 309201, 323143, 326168.

**3**

- (b) **Explain** the formation of a corrie.

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

**4**

**Total marks      7**

**NOW ANSWER QUESTIONS 3 AND 4**

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

**Question 2 — River and Valleys**

- (a) Study the Ordnance Survey Map Extract (No 2072/15 & 16).

Match these river features with the correct grid references

Features: **ox-bow lake; meander; V-shaped valley**

Choose from grid references: 389151, 297207, 427099, 423107.

**3**

- (b) **Explain** the formation of a waterfall.

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

**4**

**Total marks      7**

**NOW ANSWER QUESTIONS 3 AND 4**

**Question 3****Diagram Q3 — Land Uses**

Look at Diagram Q3 and the whole of the OS Map extract.

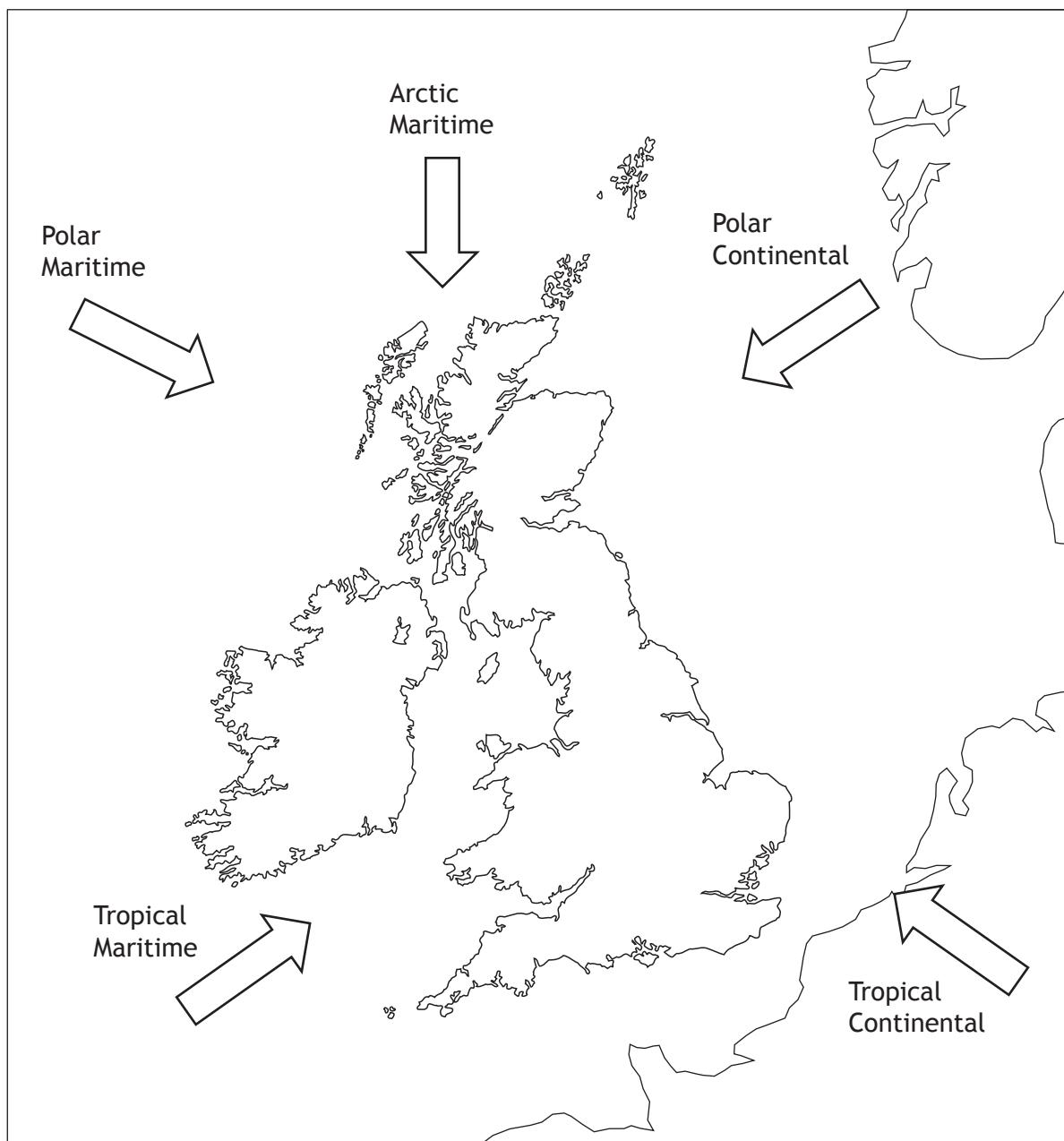
For **one** of the land uses shown give the advantages of this area for your chosen land use. You must use map evidence.

5

**[Turn over**

## Question 4

Diagram Q4A—Air Masses affecting the British Isles.

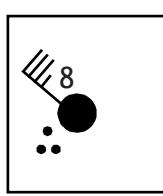
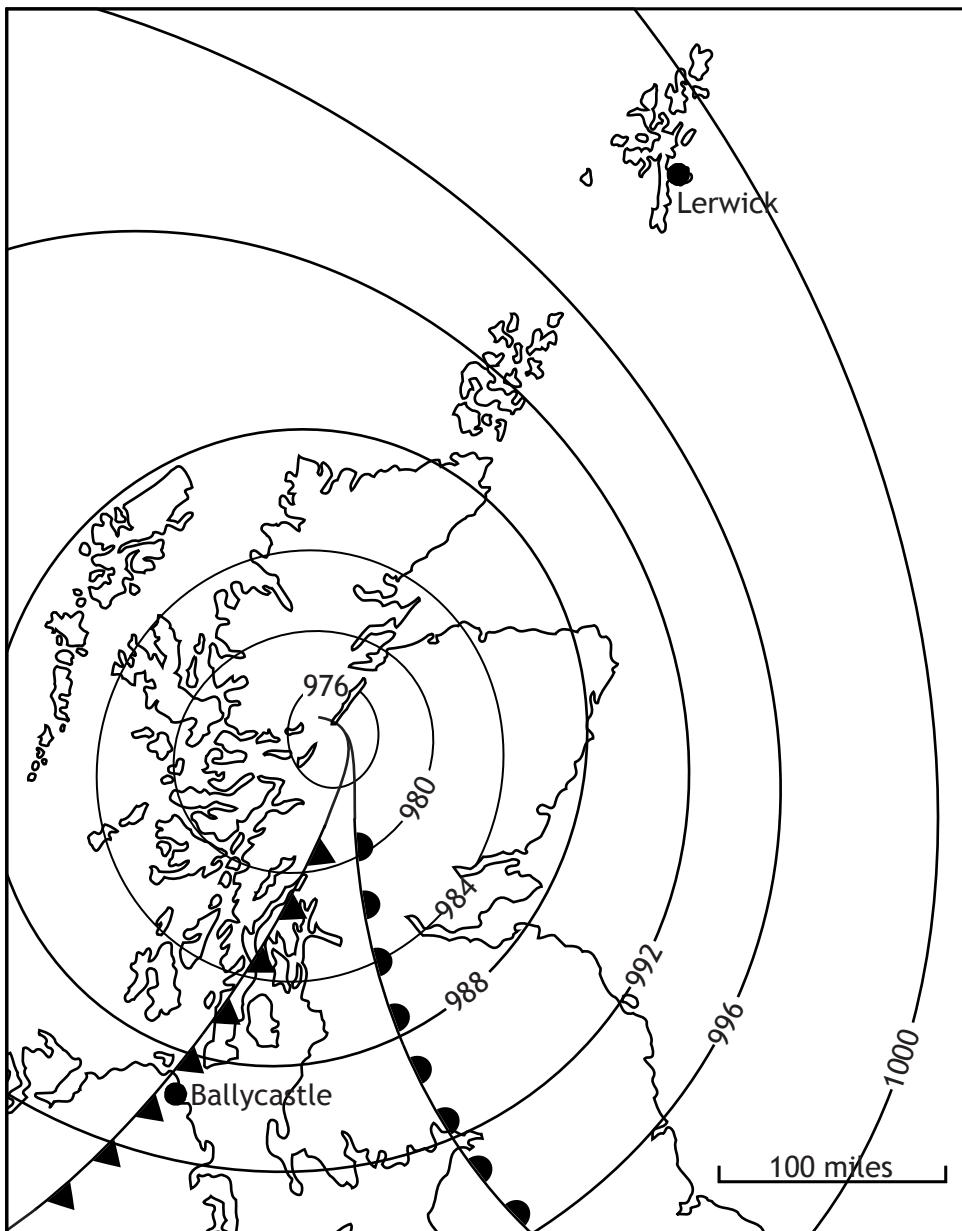


- (a) Look at Diagram Q4A.

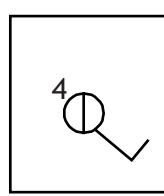
**Describe how a prolonged spell with a tropical continental air mass in summer would affect the people of the British Isles.**

3

Diagram Q4B — Synoptic Chart for March 2012



Ballycastle



Lerwick

- (b) Study the Synoptic Chart and the synoptic symbols in Diagram Q4B.

Give reasons for the differences in the weather conditions between Ballycastle and Lerwick.

5

Total marks

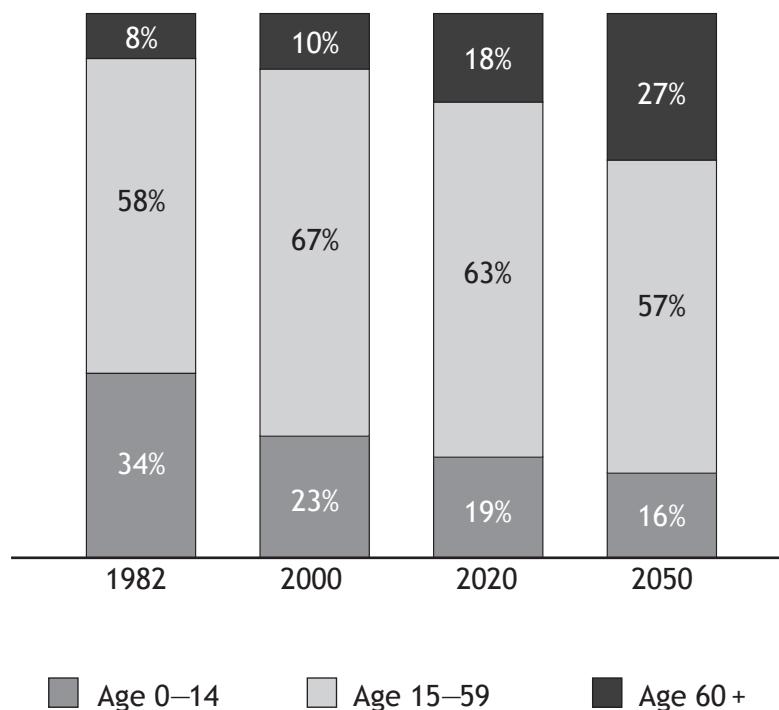
8

**SECTION 2 — HUMAN ENVIRONMENTS — 20 marks****Attempt Questions 5, 6, 7 and 8****Question 5****Diagram Q5 — Changes in Glasgow's CBD**

Look at Diagram Q5.

For Glasgow, or any other developed world city you have studied, **explain** the main changes which have taken place in the CBD over recent years.

5

**Question 6****Diagram Q6 — Age groups in China 1982 to 2050 (Projected)**

Study Diagram Q6.

- (a) **Describe, in detail, the changes in China's age groups between 1982 and 2050 (projected).**
- (b) For China, or other countries you have studied, **describe** methods which have been used to reduce population growth.

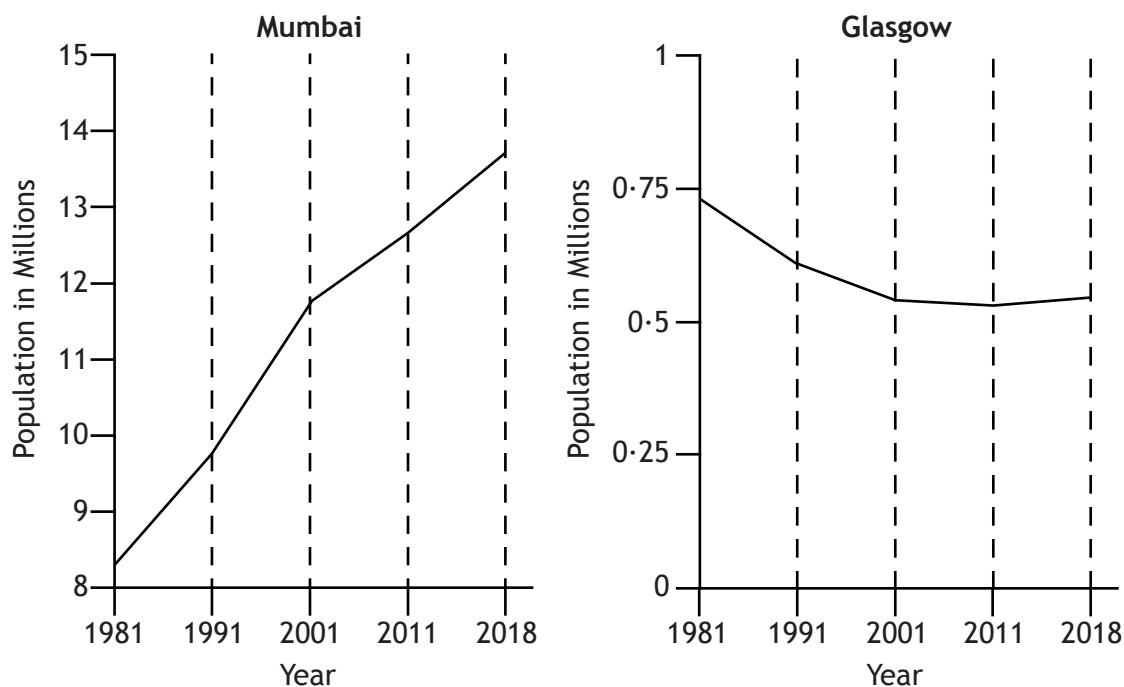
4

4

**Total marks**

8

**[Turn over**

**Question 7****Diagram Q7 — Population Trends in Mumbai and Glasgow**

Study Diagram Q7.

Describe, in detail, differences in population trends between Mumbai and Glasgow.

3

**Question 8****Diagram Q8 — Developments in Farming****GM Crops****Biofuel****Increased Technology****Pesticides/Fertilisers**

Look at Diagram Q8.

Explain how recent developments in agriculture in developing countries are helping farmers.

4

**[Turn over**

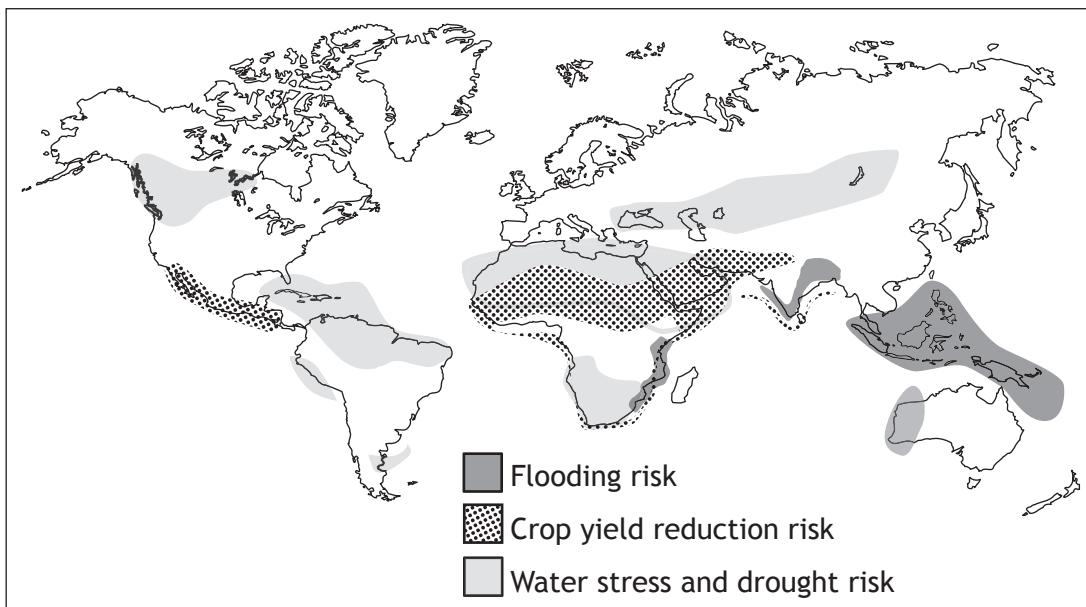
### **SECTION 3 — GLOBAL ISSUES — 20 marks**

**Attempt any TWO questions**

<b>Question 9 — Climate Change</b>	(Page 11)
<b>Question 10 — Impact of Human Activity on the Natural Environment</b>	(Page 12)
<b>Question 11 — Environmental Hazards</b>	(Page 14)
<b>Question 12 — Trade and Globalisation</b>	(Page 16)
<b>Question 13 — Tourism</b>	(Page 18)
<b>Question 14 — Health</b>	(Page 20)

**Question 9 — Climate Change**

**Diagram Q9A—Areas at greater risk from climate change**

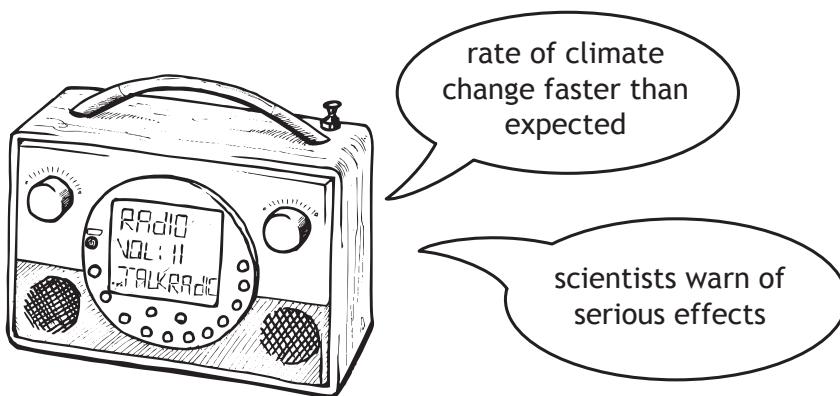


- (a) Study Diagram Q9A.

Describe, in detail, the locations which are at greater risk from climate change.

4

**Diagram Q9B — Evidence of Climate Change**



- (b) Look at Diagram Q9B.

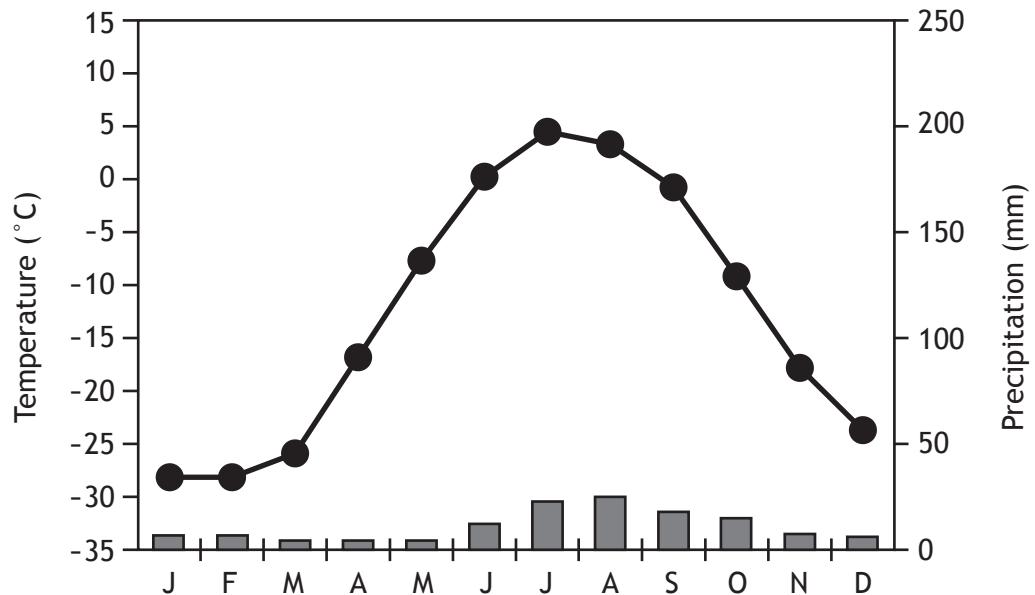
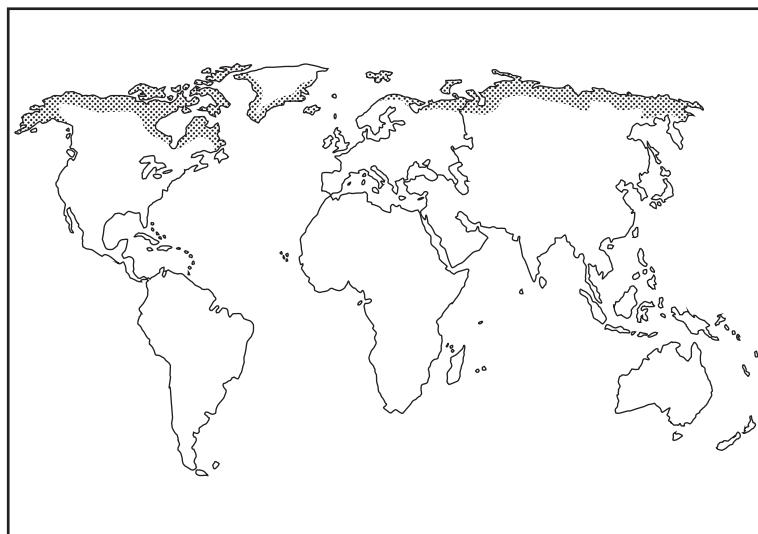
Explain, in detail, the physical and human causes of global climate change.

6

Total marks

10

[Turn over

**QUESTION 10 — Impact of Human Activity on the Natural Environment****Diagram Q10A — Barrow Alaska****Diagram Q10B — Location of Tundra Climatic Area**

- (a) Study Diagrams Q10A and Q10B.

**Describe, in detail, the main features of the Tundra climate.**

4

**Diagram Q10C — Impact of Human Activities in the Tundra**

(b) Look at Diagram Q10C.

**Describe the advantages and disadvantages brought about by human activities in the Tundra.**

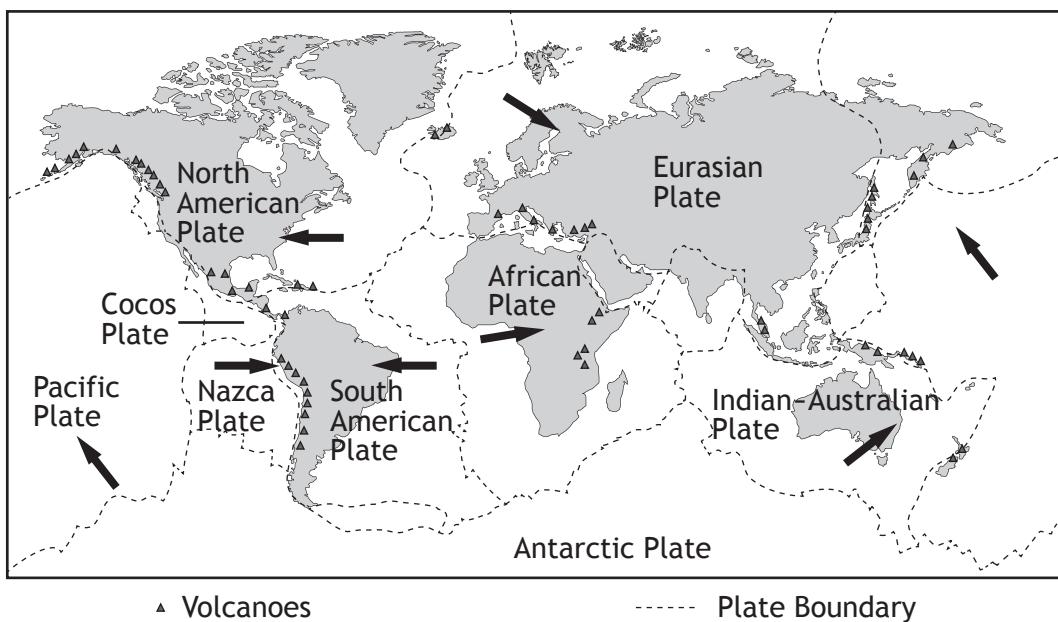
You may refer to an area you have studied in your answer.

6

Total marks

10

[Turn over

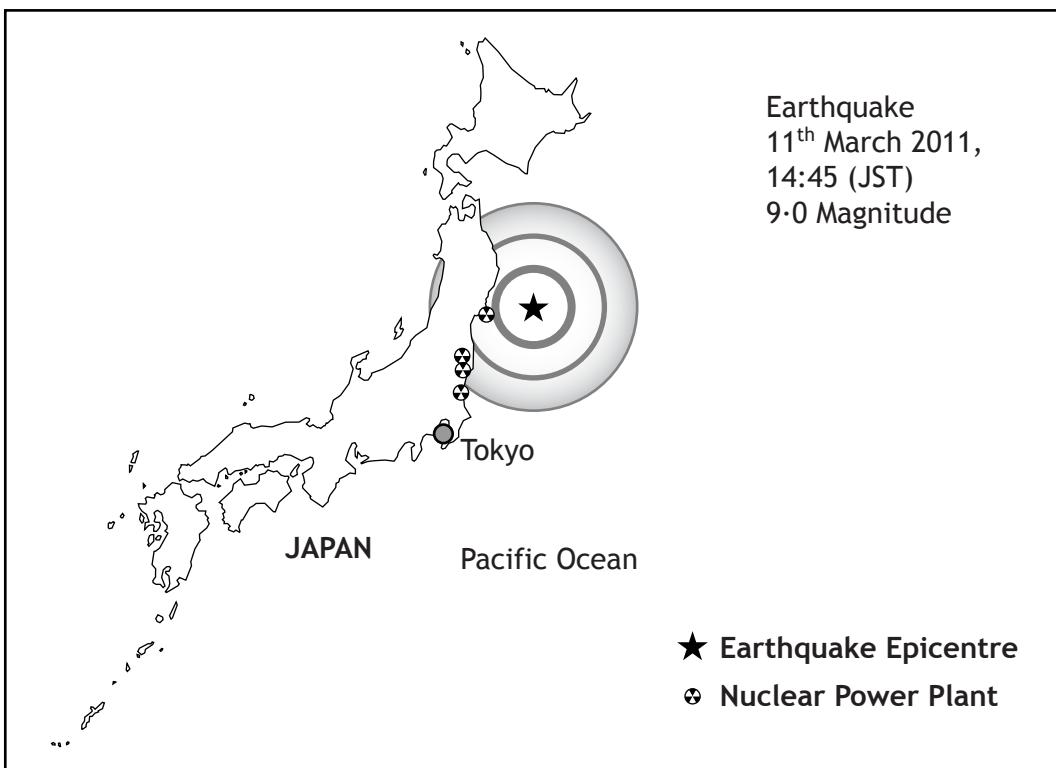
**Question 11 — Environmental Hazards****Diagram Q11A—Distribution of Volcanoes**

- (a) Study Diagram Q11A.

**Describe, in detail, the distribution of the world's volcanoes.**

4

## Diagram Q11B — Japanese Earthquake, 2011



(b) Look at Diagram Q11B.

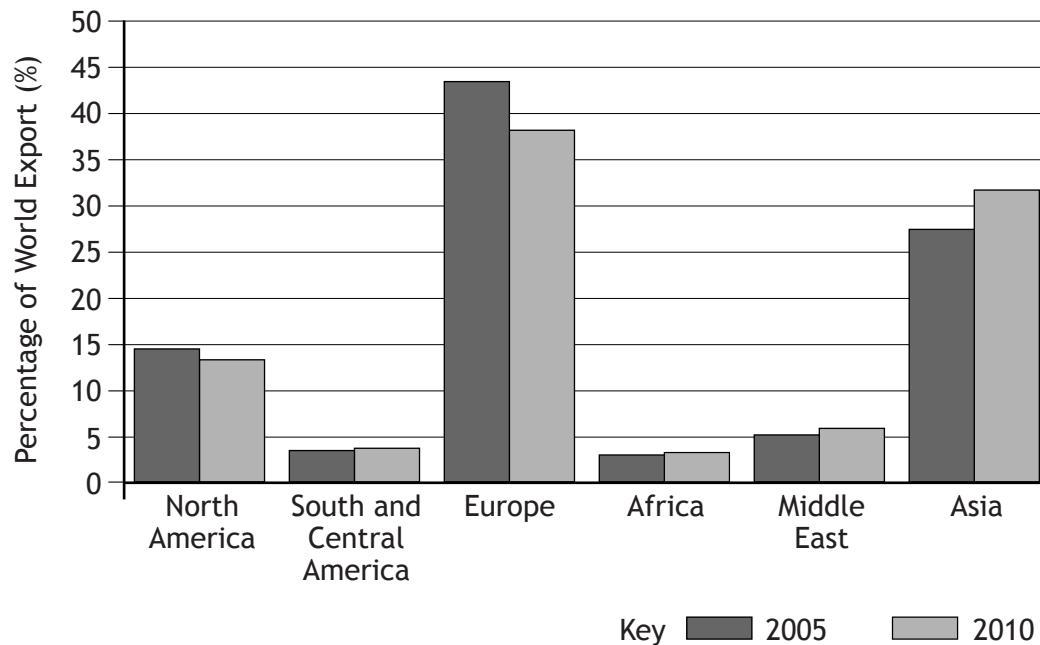
For the Japanese earthquake, or any other named earthquake you have studied, **describe, in detail**, the impact on people and the landscape.

6

Total marks

10

[Turn over

**Question 12 — Trade and Globalisation****Diagram Q12A — World Exports by Region**

(a) Study Diagram Q12A.

**Describe, in detail, the change in World Exports from 2005 to 2010.**

4

**Diagram Q12B — Collecting Fairtrade Coffee Beans**

(b) Look at Diagram Q12B.

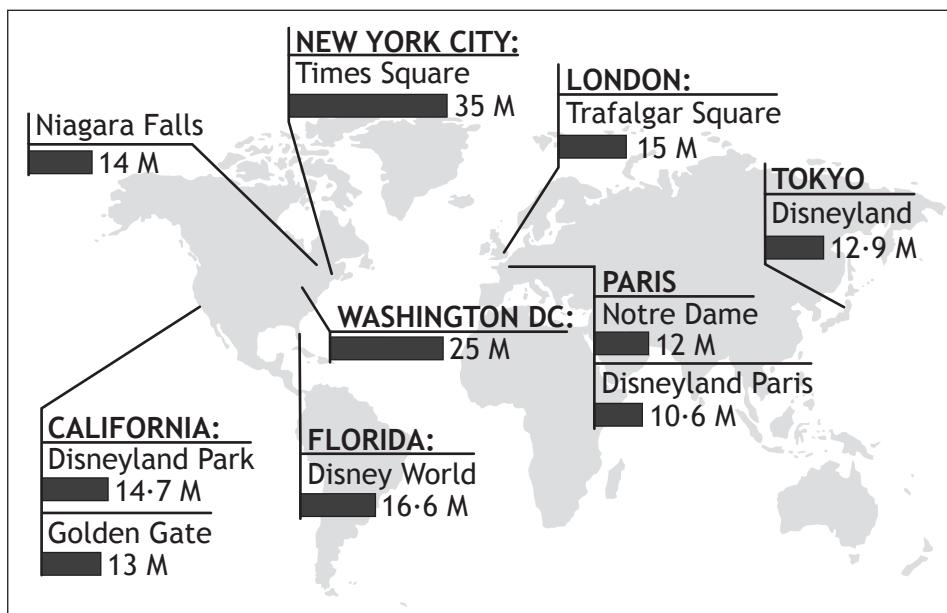
**Explain how buying Fairtrade products helps people in the developing world.**

6

Total marks

10

[Turn over

**Question 13 — Tourism****Diagram Q13A — Top Ten World Tourist Destinations (millions of visitors per year)**

- (a) Study Diagram Q13A.

Describe, in detail, the distribution of the top ten world tourist destinations.

4

**Diagram Q13B — Mass Tourism on an Italian Beach**

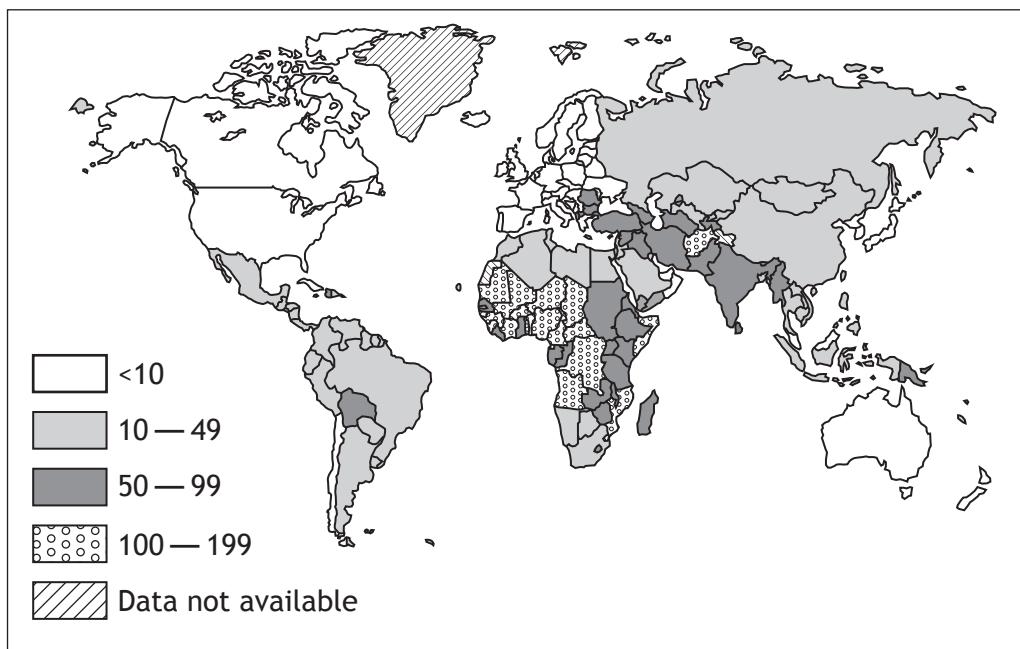
(b) Look at Diagram Q13B.

Describe the effects of mass tourism on people and the environment.

6

Total marks 10

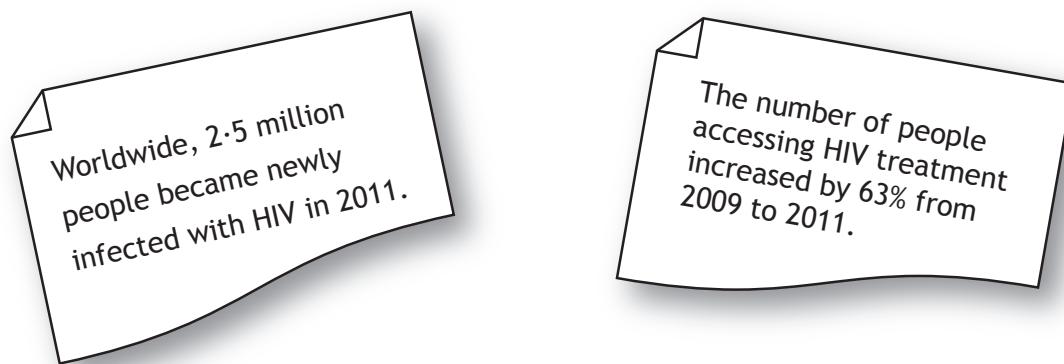
[Turn over

**Question 14—Health****Diagram Q14A—Worldwide child deaths under 5 years (per 1,000 live births)**

- (a) Study Diagram Q14A.

**Describe, in detail, the distribution of worldwide child deaths under the age of 5.**

4

**Diagram Q14B — World AIDS Day Report 2012**

(b) Look at Diagram Q14B.

Explain methods used to limit the spread of AIDS in developed and developing countries.

6

Total marks 10

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## ACKNOWLEDGEMENTS

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