



National  
Qualifications  
SPECIMEN ONLY

**SQ19/N5/01**

**Geography**

Date — Not applicable

Duration — 1 hour and 30 minutes

**Total marks — 60**

**SECTION 1 — PHYSICAL ENVIRONMENTS — 20 marks**

Attempt EITHER question 1 or question 2 AND 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

**Before attempting the questions you must check that your answer booklet is for the same subject and level as the question paper.**

You should read the questions carefully.

On the answer booklet, you must clearly identify the question number you are attempting.

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

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.



\* S Q 1 9 N 5 0 1 \*

**SECTION 1 — PHYSICAL ENVIRONMENTS — 20 marks**

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

**Question 1 — Glaciated Uplands**

- (a) Study OS map **Item A** of the Dingwall area.

Use the information in the OS map **Item A** to **match** the features of glaciated uplands in the table below with the correct grid reference.

Features of glaciated uplands		
U-shaped valley	corrie	truncated spur

Choose from grid references			
525658	467677	483685	476683

3

- (b) **Explain** the formation of a U-shaped valley.

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

4

**Total marks**

**7**

**NOW ATTEMPT QUESTIONS 3, 4 AND 5**

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

**Question 2 — Rivers and Valleys**

(a) Study OS map **Item A** of the Dingwall area.

Use the information in the OS map **Item A** to **match** the features of rivers and valleys in the table below with the correct grid reference.

Features of rivers and valleys		
V-shaped valley	meander	river flowing NW

Choose from grid references			
522623	457668	523594	435663

3

(b) Explain the formation of an ox-bow lake.

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

4

**Total marks**

**7**

**NOW ATTEMPT QUESTIONS 3, 4 AND 5**

NOW ATTEMPT QUESTIONS 3, 4 AND 5

Question 3

Diagram Q3A — Cross-section from GR 466658 to GR 510580

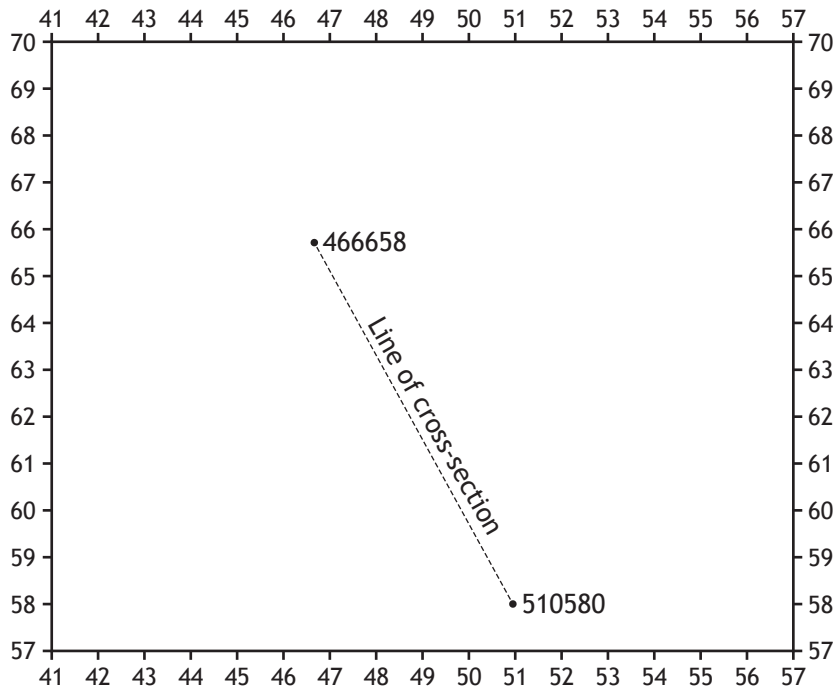
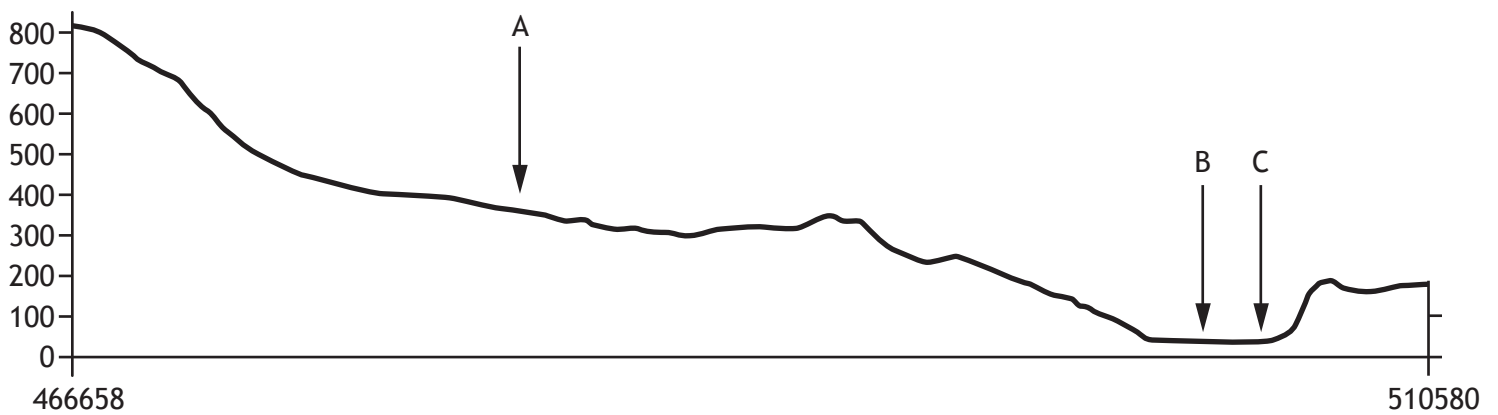


Diagram Q3B



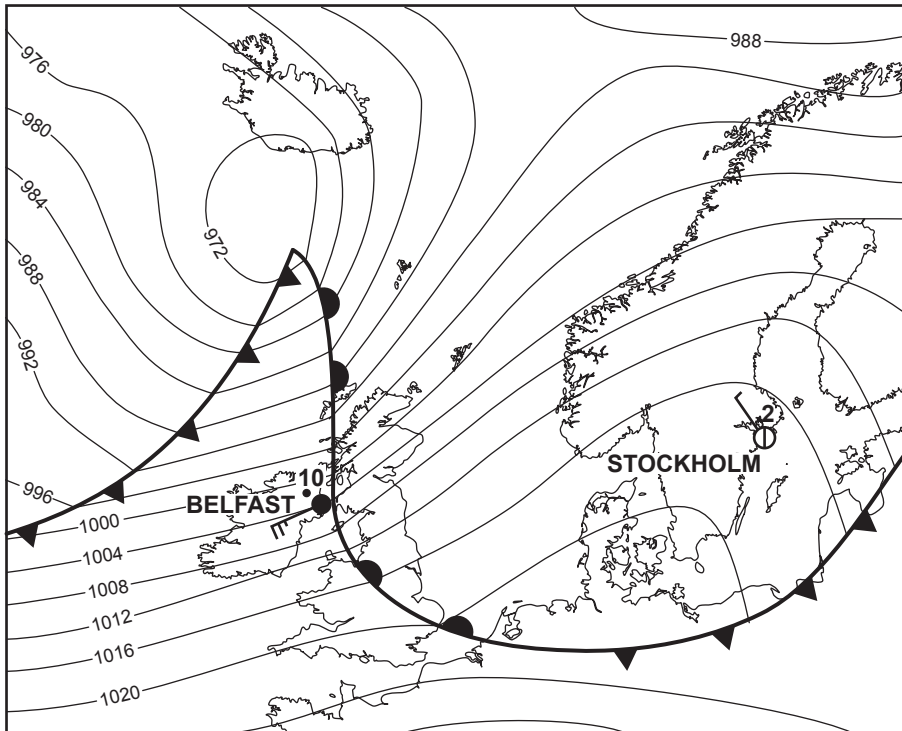
Study OS map Item A of the Dingwall area and find the cross-section shown on Diagrams Q3A and Q3B above.

Use the information in the OS map Item A to match the letters A to C with the correct features, choosing from the features below.

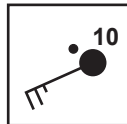
railway	forestry	River Peffer	dismantled railway
---------	----------	--------------	--------------------

Question 4

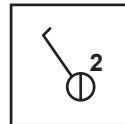
Diagram Q4 — Synoptic Chart for 15 January 2010



Belfast



Stockholm



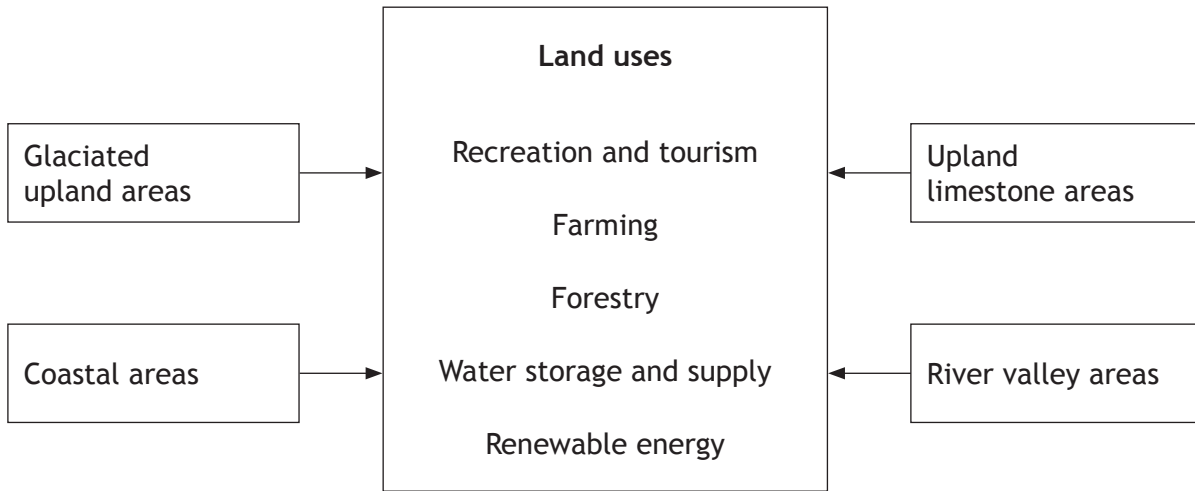
Study Diagram Q4 above.

Use the information in Diagram Q4 to give reasons for the differences in the weather conditions between Belfast and Stockholm.

4

Question 5

Diagram Q5 — Land Uses in Different Landscapes



Look at Diagram Q5 above.

Choose **one** landscape type which you have studied.

For the landscape type you have chosen **describe, in detail**, ways in which at least **two** of the land uses shown can be in conflict.

6

SECTION 2 — HUMAN ENVIRONMENTS — 20 marks

Attempt Questions 6, 7 and 8

Question 6

Study OS map **Item B** of the Coventry area.

(a) Use **Item B** to give map evidence which shows that part of Coventry’s CBD is located in grid square 3379.

3

(b) There is a plan to build a shopping centre in grid square 3981.

Give advantages and/or disadvantages of this location for a shopping centre. You **must** use map evidence from **Item B** to support your answer.

5

Total marks

8

Question 7

Diagram Q7 — Modern factors affecting farming

Organic farming	Diversification	GM crops
Biofuels	New technology	Government policy

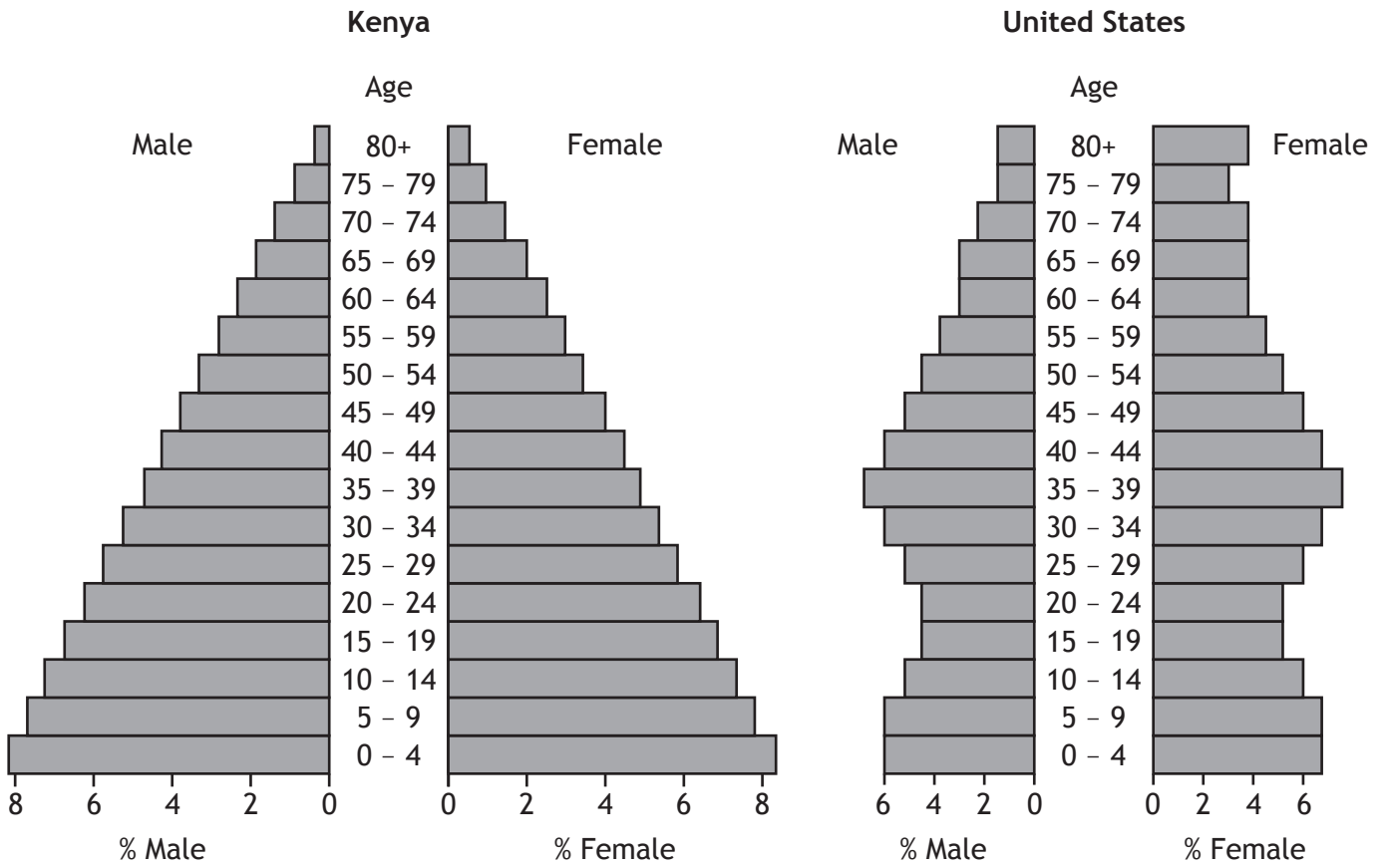
Look at Diagram Q7.

For **either** a developed or developing country, describe in detail the effects of **two** of the factors shown in Diagram Q7.

6

Question 8

Diagram Q8 — Population Pyramids for Kenya and the United States



Look at Diagram Q8.

Explain the differences between the population structures of Kenya and the United States.

6

NOW GO TO SECTION 3



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

**Attempt any TWO questions**

**Question 9 — Climate Change**

**Question 10 — Impact of Human Activity on the Natural Environment**

**Question 11 — Environmental Hazards**

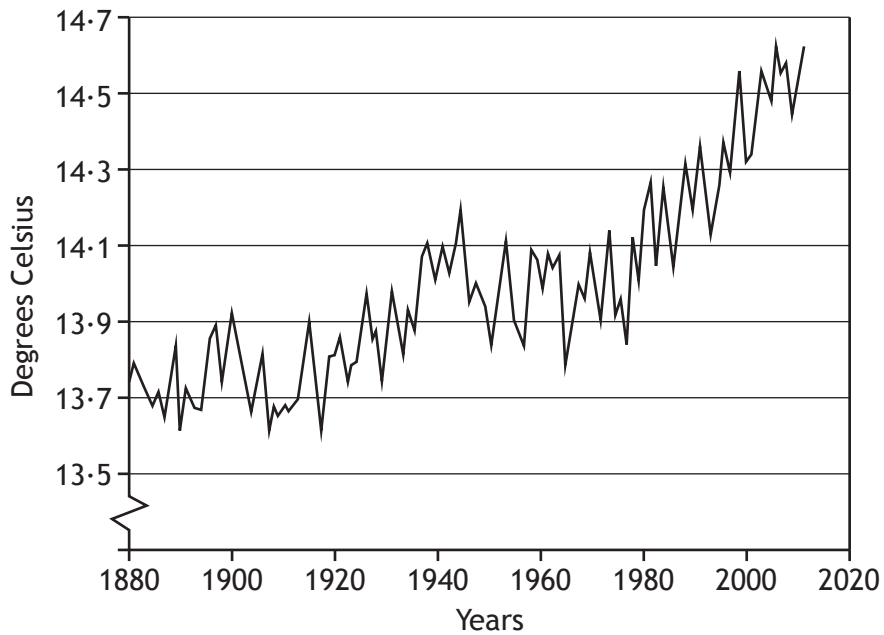
**Question 12 — Trade and Globalisation**

**Question 13 — Tourism**

**Question 14 — Health**

Question 9 — Climate Change

Diagram Q9 — Average Global Temperature (degrees C)



(a) Study Diagram Q9.

Use the information in Diagram Q9 to **describe, in detail**, the pattern of average global temperature over time.

4

(b) **Explain, in detail**, the likely effects of climate change on people and the environment.

Your answer should refer to examples you have studied.

6

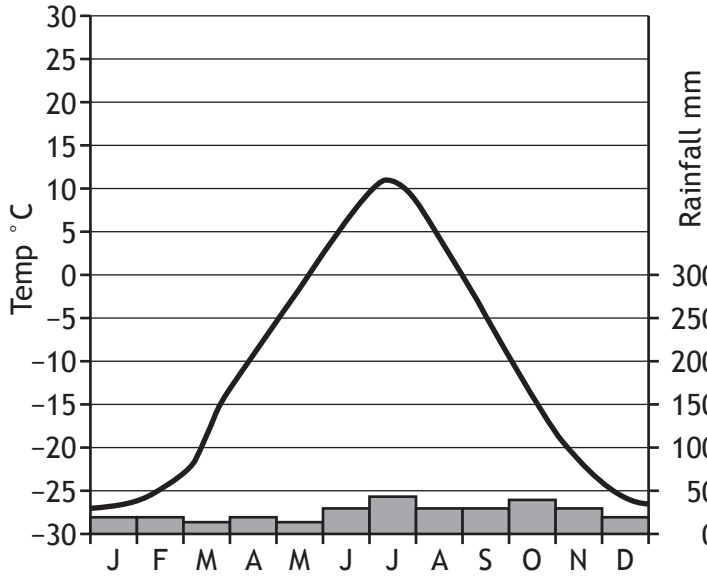
Total marks

10

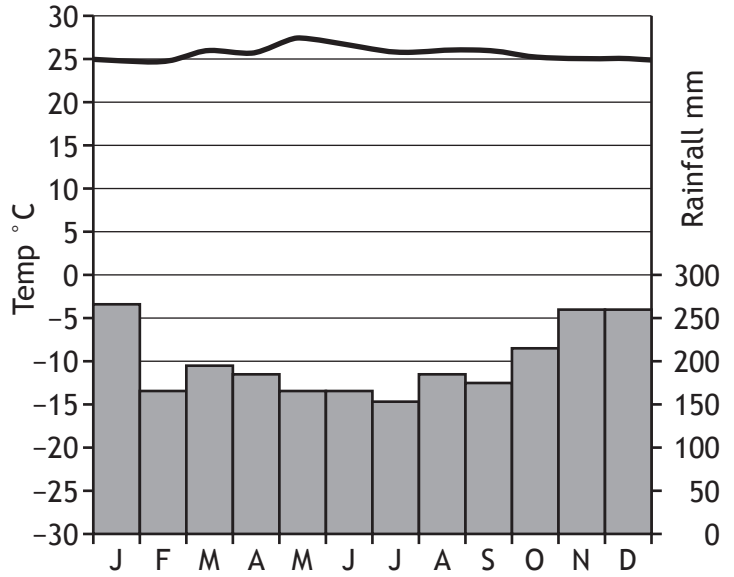
Question 10 — Impact of Human Activity on the Natural Environment

Diagram Q10 — Climate Graphs

Tundra



Equatorial



(a) Study Diagram Q10.

Use the information in Diagram Q10 to **describe, in detail**, the differences between the two climates shown.

4

(b) **Explain, in detail**, the impact of human activity on people and the environment.

Your answer should refer to examples you have studied.

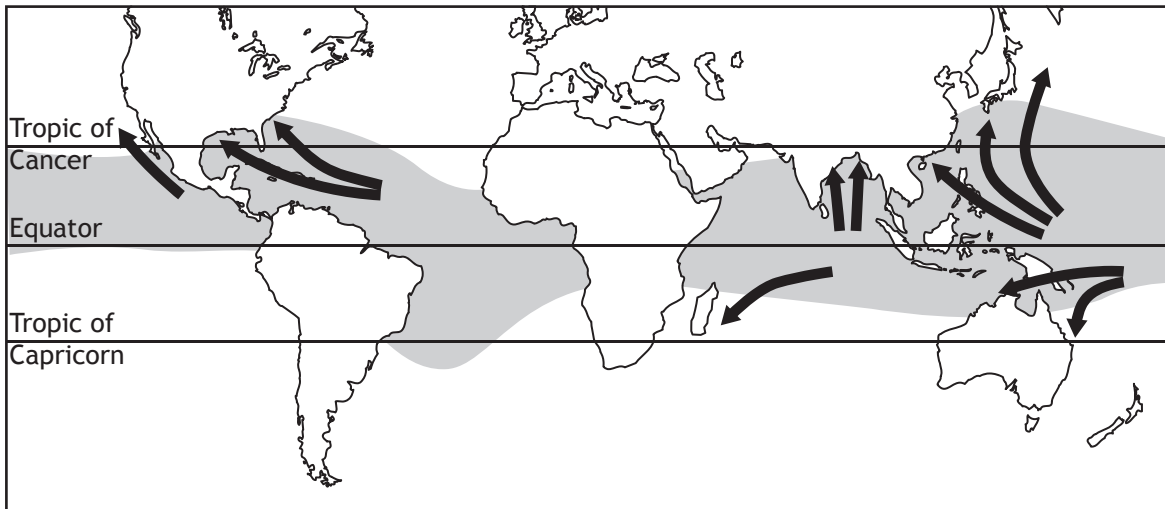
6



Total marks

10

Question 11 — Environmental Hazards

Diagram Q11 — Tropical Storms



KEY  Sea temperature over 26°C  
 Tropical storm routes

(a) Study Diagram Q11.

Use the information in Diagram Q11 to **describe, in detail**, where tropical storms are found throughout the world.

4

(b) **Explain, in detail**, the ways in which aid can lessen the impact of environmental hazards.

Your answer should refer to examples you have studied.

6

Total marks

10

## Question 12 — Trade and Globalisation

Diagram Q12 — Main Imports and Exports for a Selected Country

Main Exports	%	Main Imports	%
Coffee, tea, spices	19	Fuel, including oil	24
Timber	10	Machinery	9
Vegetables	5	Electrical and electronic equipment	7
Minerals and metals	4	Vehicles	7
<b>Total value</b>	<b>\$4.8 billion</b>	<b>Total value</b>	<b>\$11 billion</b>

- (a) Study Diagram Q12.

Do these figures show a **developed** or **developing** country?Use the information in Diagram Q12 to **give detailed reasons** for your answer.

4

- (b)
- Explain, in detail**
- , the ways in which Fair Trade helps farmers in the Developing World.

Your answer should refer to examples you have studied.

6

**Total marks****10**

## Question 13 — Tourism

Diagram Q13 — International Tourist Destination Numbers (millions)

Destinations	1995	2010	2020 (forecast)
Africa	20	47	77
Americas	109	190	262
East Asia/Pacific	81	195	397
Europe	338	527	717
Middle East	12	36	69
South Asia	4	11	19
<b>Total</b>	<b>564</b>	<b>1,006</b>	<b>1,541</b>
<b>Long-haul travel</b>	<b>101 (18%)</b>	<b>216 (21%)</b>	<b>378 (25%)</b>

- (a) Study Diagram Q13.

Use the information in Diagram Q13 to **describe, in detail**, the changes in international tourist destination numbers between 1995 and 2020.

4

- (b)
- Explain, in detail**
- , the benefits and problems caused by increasing tourism in developing countries.

Your answer should refer to examples you have studied.

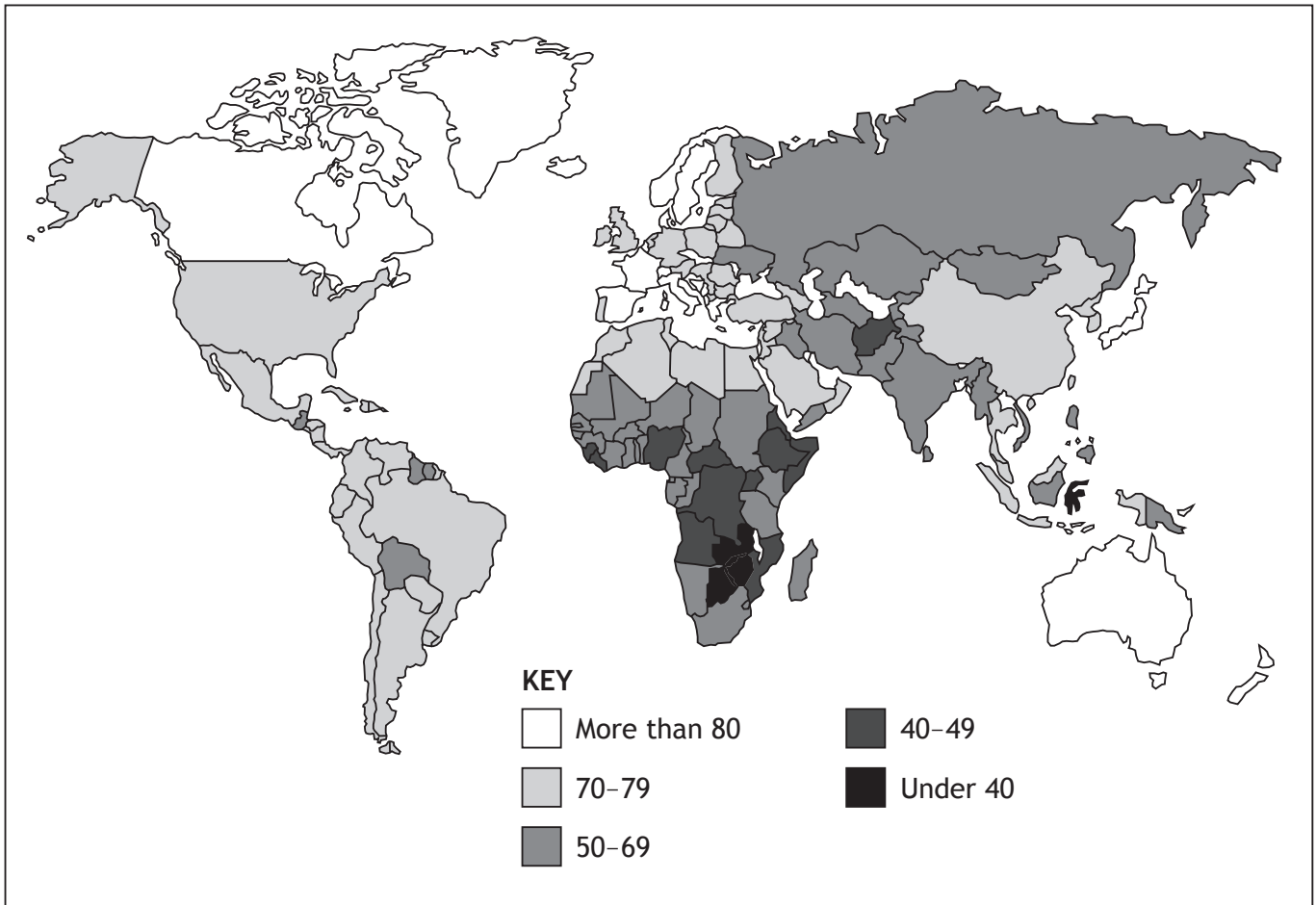
6

Total marks

10

Question 14 — Health

Diagram Q14: Average Life Expectancy (years)



(a) Study Diagram Q14.

Use the information in Diagram Q14 to **describe, in detail**, the differences in worldwide life expectancy.

4

(b) **Explain, in detail**, the physical and/or human factors which cause disease.

Your answer should refer to examples you have studied.

6

Total marks

10

[END OF SPECIMEN QUESTION PAPER]