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.
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

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.
(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.
(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.

Total marks 8
Question 5

Diagram Q5 — Changes in Glasgow’s CBD

Expensive Designer Stores  Old Warehouses Converted Into Flats  Indoor Shopping Malls

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.
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.

Total marks 8
Study Diagram Q7.

Describe, in detail, differences in population trends between Mumbai and Glasgow.
Look at Diagram Q8.

**Explain** how recent developments in agriculture in developing countries are helping farmers.
SECTION 3 — GLOBAL ISSUES — 20 marks

Attempt any TWO questions

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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.

Diagram Q9B — Evidence of Climate Change

(b) Look at Diagram Q9B.
Explain, in detail, the physical and human causes of global climate change.

Total marks 10
(a) Study Diagrams Q10A and Q10B.

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

Total marks 10
(a) Study Diagram Q11A.

**Describe, in detail, the distribution of the world’s volcanoes.**
(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
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.
(b) Look at Diagram Q12B.

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

Total marks 10
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.
(b) Look at Diagram Q13B.

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

Total marks 10

[Turn over]
(a) Study Diagram Q14A.

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

Worldwide, 2.5 million people became newly infected with HIV in 2011.

The number of people accessing HIV treatment increased by 63% from 2009 to 2011.

(b) Look at Diagram Q14B.

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

Total marks 6

Total marks 10

[END OF QUESTION PAPER]
ACKNOWLEDGEMENTS

Section 2 Diagram Q5 (1st Photo)—Image of Versace Collections store, Glasgow.

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