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GEOGRAPHY
HIGHER LEVEL AND STANDARD LEVEL
PAPER 1

Thursday 5 May 2011 (afternoon)

1 hour 30 minutes

Candidate session number

| 0 | 0 | | | | | | | |

Examination code

| 2 | 2 | 1 | 1 | – | 5 | 2 | 0 | 1 |

INSTRUCTIONS TO CANDIDATES

- Do not open this examination paper until instructed to do so.
- Section A: answer all questions.
- Section B: answer one question.
- Write your answers in the boxes provided.
- Use examples, maps and/or diagrams where relevant.

16 pages
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Core Theme – Patterns and Change

SECTION A

*Answer **all** questions. Write your answers in the answer boxes provided.*

1.   **Populations in transition**

The graph shows how female empowerment in politics has changed in different regions since 1997.
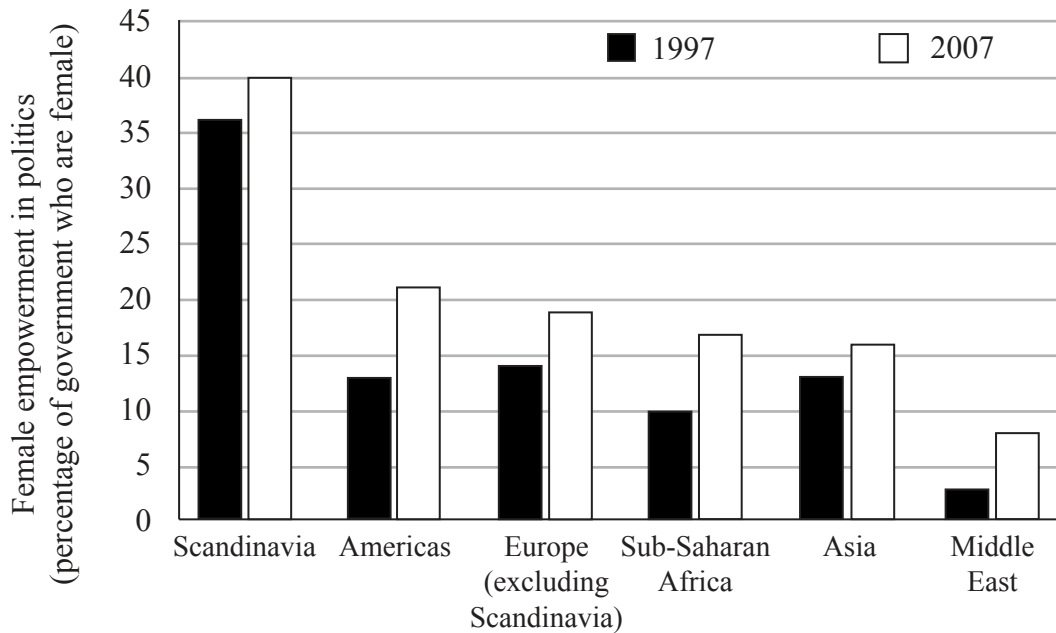
[Source: adapted from UNESCO]

(a)   Referring to the graph, describe how female empowerment in politics varied between
regions in 1997.   *[3]*

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(Question 1 continued)

(b)   Suggest reasons why female empowerment in politics has risen since 1997. *[4]*

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(Question 1 continued)

(c)   Analyse the pro-natalist policy of a country you have studied.   *[5]*

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will not be marked.

2.   Disparities in wealth and development

The map shows the Gross National Income (GNI) per person for different countries in 2008.

World Bank country
income groups (2008)

  High income   more than $11 500 USD
  Middle income $900 – $11 500 USD
  Low income   less than $900 USD

[Source: http://maps.grida.no/go/graphic/world-bank-country-income-groups]
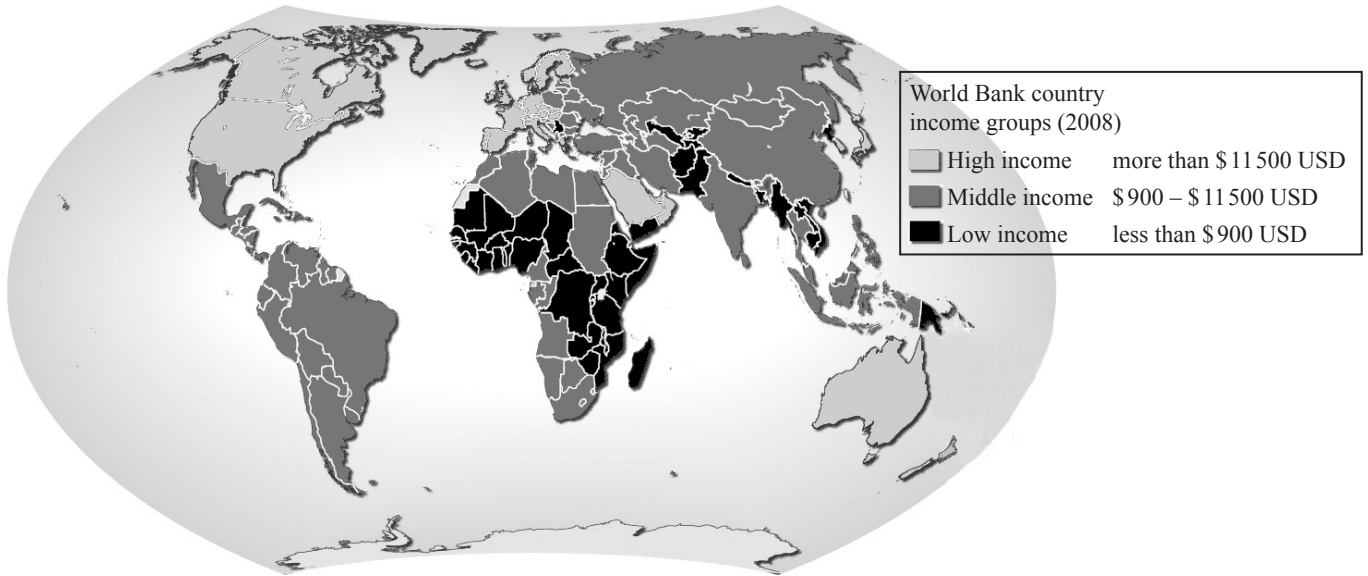
(a)   Describe the global pattern of GNI per person shown on the map.   [3]

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(Question 2 continued)

(b)   Suggest **two** reasons why GNI per person is not a reliable way of measuring global disparities. *[2+2]*

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(Question 2 continued)

(c)   Explain how debt relief may help to reduce global disparities.   *[5]*

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3. **Patterns in environmental quality and sustainability**

The graph shows global temperature changes since 1850.
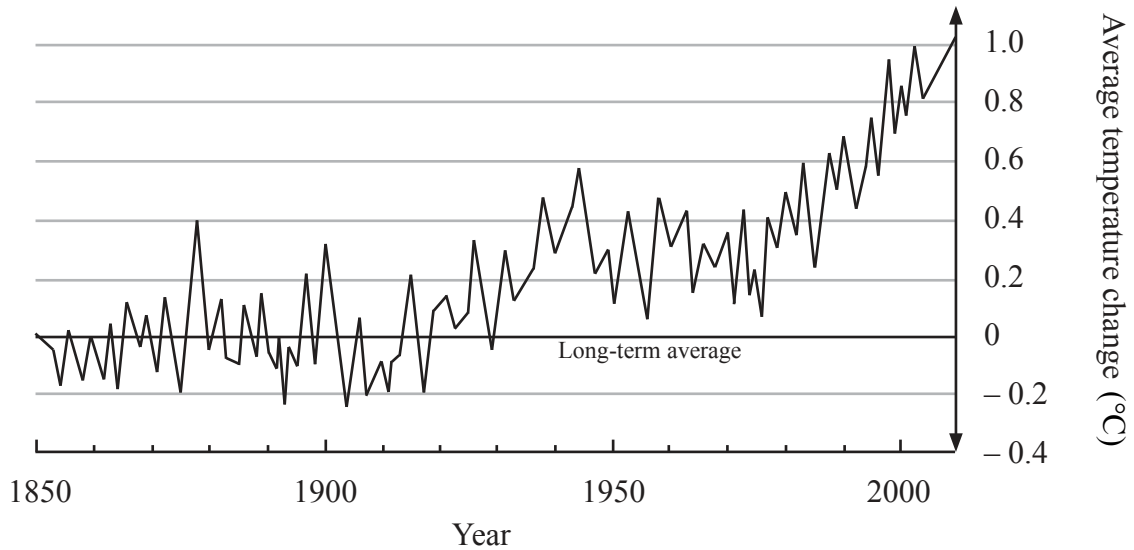
[Source: IPCC – data based on a graph in *The Economist*, 9 September 2006]

(a) State **one** natural external forcing which could have influenced the changes in temperature shown on the graph. *[1]*

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(b) Referring to the graph, describe how temperature has changed since 1850. *[3]*

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(Question 3 continued)

(c) Explain **three** possible environmental consequences of global climate change since 1950. *[3×2]*

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4.   Patterns in resource consumption

(a)   Identify **three** fossil fuels.   *[2]*

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(b)   Suggest **two** reasons for the changing importance of nuclear energy.   *[2×2]*

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(Question 4 continued)

(c)   Explain the relationship between energy usage and ecological footprint for **one or more** countries. *[5]*

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SECTION B

*Answer **one** question. Write your answer in the answer box provided.*

5.   To what extent do migrations bring benefits to both their origins and their destinations?   *[15]*

6.   Examine the view that rapid population growth will prevent some countries from meeting their Millennium Development Goals.   *[15]*

7.   "Of all the environmental challenges we face, soil degradation is the most serious." Discuss this statement.   *[15]*