



22115201

**GEOGRAPHY
HIGHER LEVEL AND STANDARD LEVEL
PAPER 1**

Thursday 5 May 2011 (afternoon)

1 hour 30 minutes

Candidate session number

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Examination code

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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.



0116

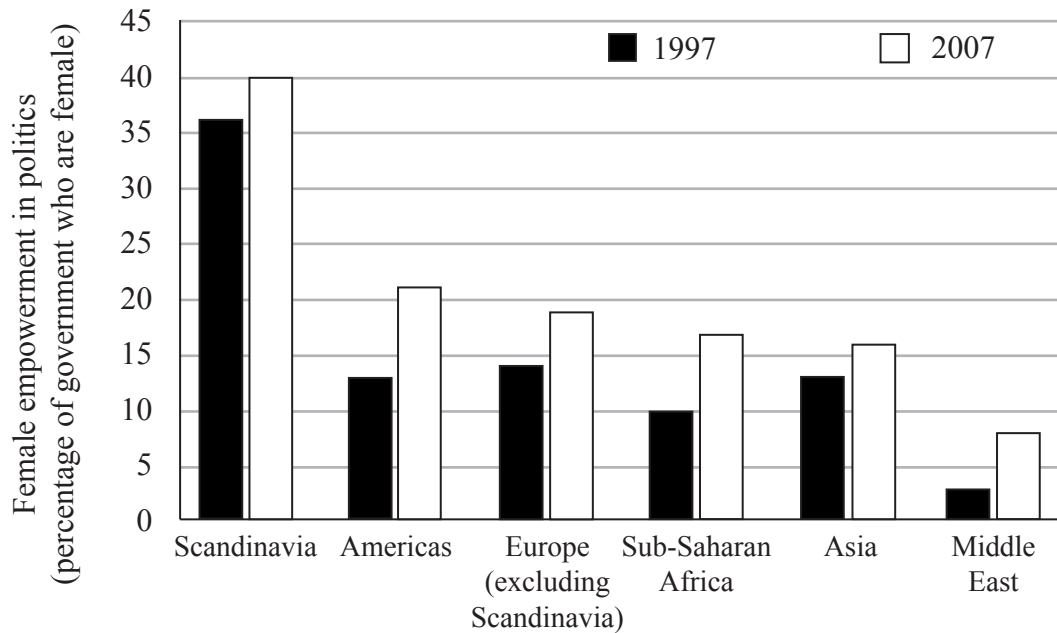
Core Theme – Patterns and Change

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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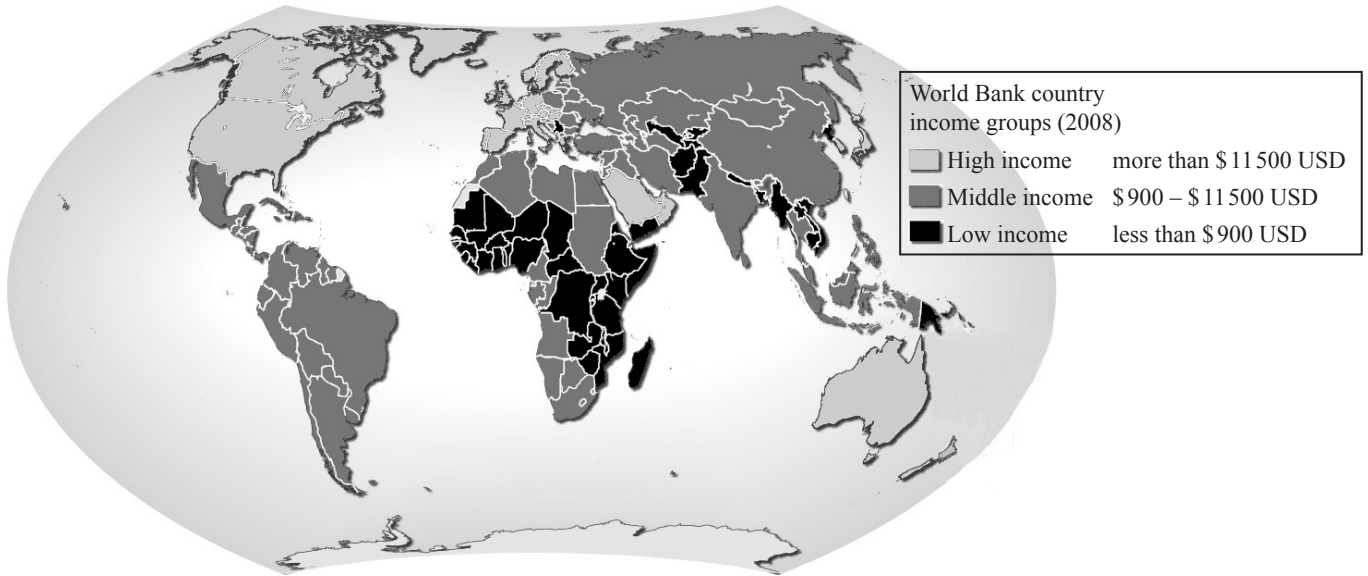


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2. Disparities in wealth and development

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



[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]

1.
2.

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(Question 2 continued)

(c) Explain how debt relief may help to reduce global disparities.

[5]

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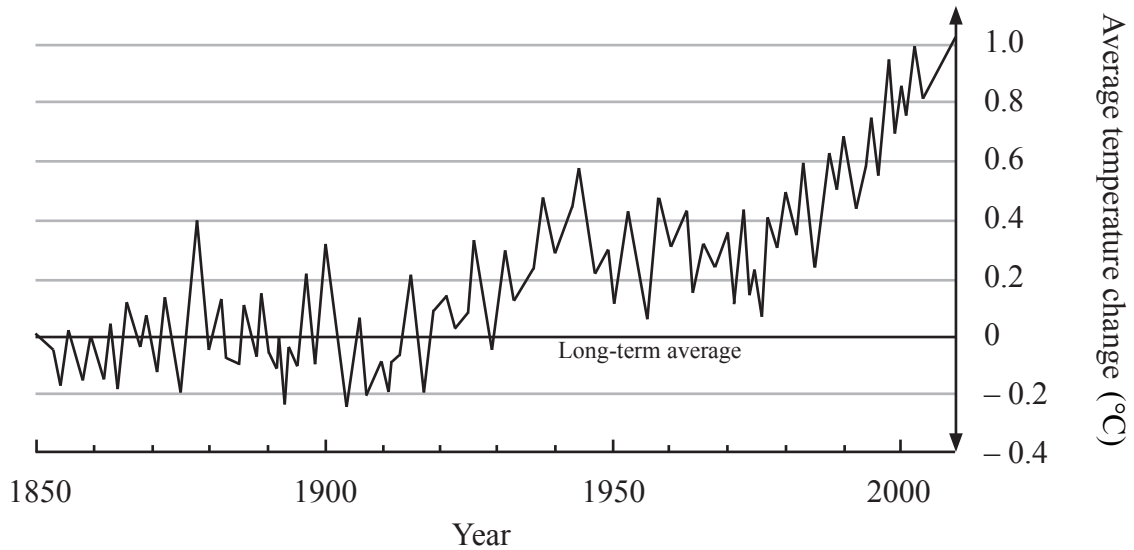


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3. Patterns in environmental quality and sustainability

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]*

1.
2.
3.



4. **Patterns in resource consumption**

(a) Identify **three** fossil fuels.

[2]

1.
2.
3.
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(b) Suggest **two** reasons for the changing importance of nuclear energy.

[2×2]

1.
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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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