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**International Baccalaureate®**
Baccalauréat International
Bachillerato Internacional

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

Candidate session number

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Monday 17 November 2014 (afternoon)

1 hour 30 minutes

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 on the lines in the boxes provided. If you need to continue your answer, use the blank space immediately below the lines provided in the box.
- Use examples, maps and/or diagrams where relevant.
- The maximum mark for this examination paper is *[60 marks]*.
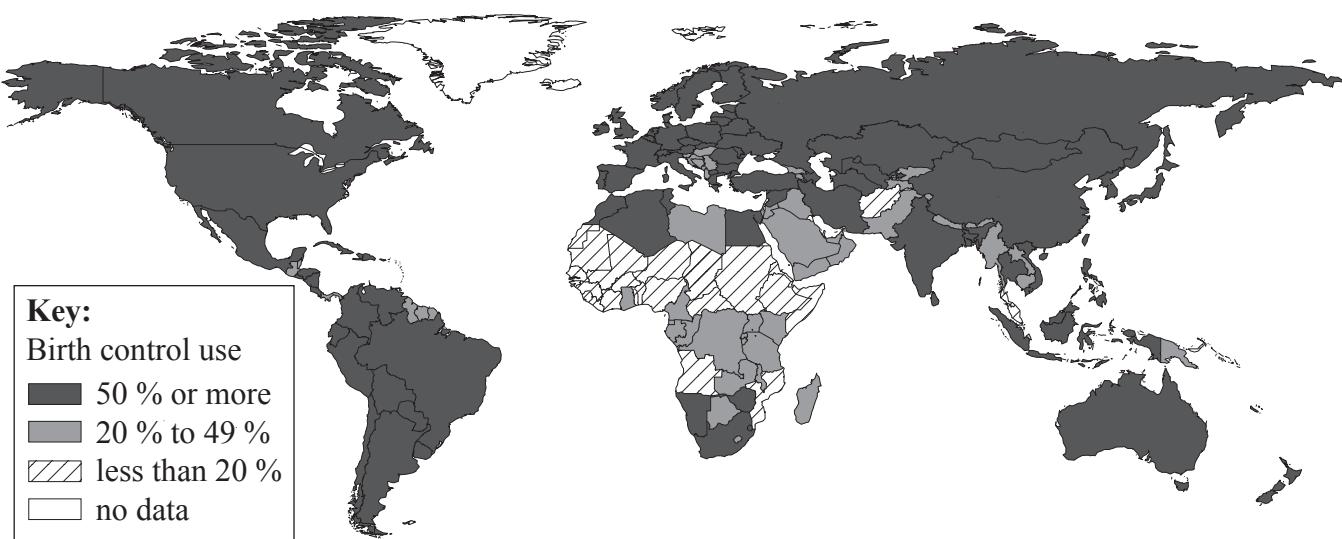
20EP01

**Core Theme – Patterns and Change**

**SECTION A**

*Answer **all** questions. Write your answers on the lines in the boxes provided. If you need to continue your answer, use the blank space immediately below the lines provided in the box.*

1.    **Populations in transition**

The map shows the percentage of women aged between 15 and 49 who are using some type of birth control.



Key:
Birth control use
■ 50 % or more
▨ 20 % to 49 %
▨ less than 20 %
□ no data

*(This question continues on the following page)*

*(Question 1 continued)*

(a)    Describe the global pattern of birth control use shown on the map.					*[4]*

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*(This question continues on the following page)*

*(Question 1 continued)*

(b)   Suggest **two** reasons why the percentage of women using some type of birth control is low in some countries. *[2+2]*

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2.   . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .
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(c)   Explain **two** reasons why the Crude Death Rate is falling in most low-income countries. *[2+2]*

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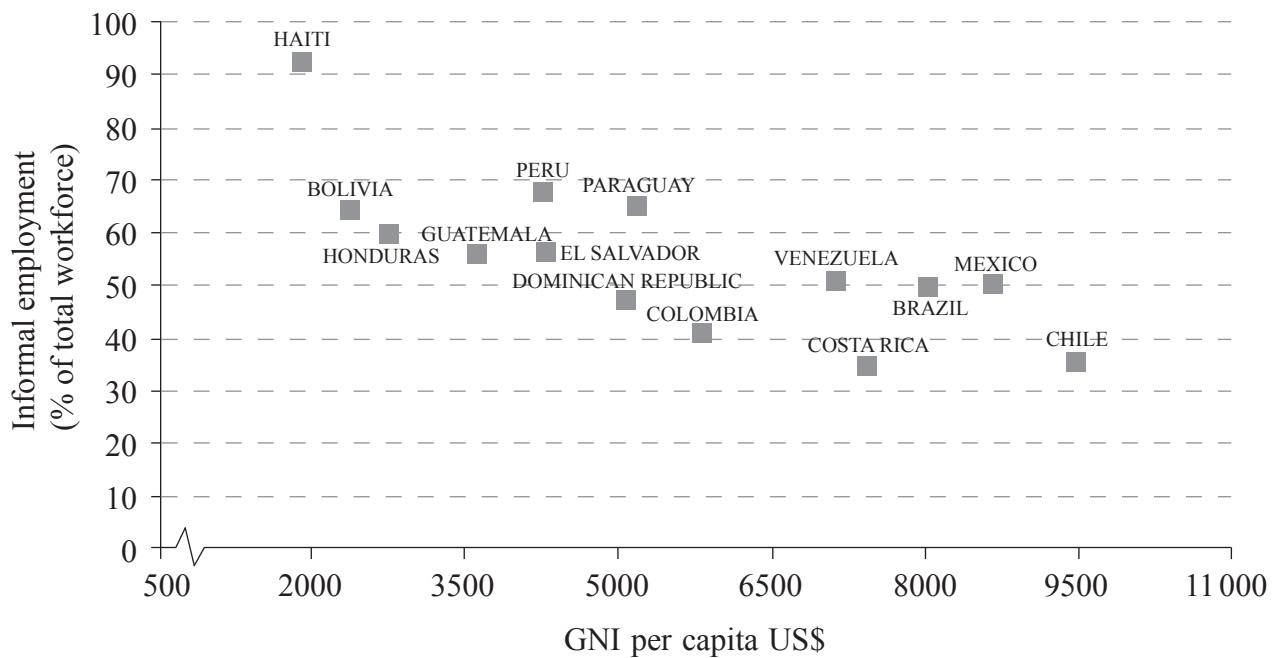
**2.   Disparities in wealth and development**

The graph below shows the relationship between GNI per capita in US$ and the percentage of the workforce who work in informal employment, for a selection of Latin American countries in 2012.



[Source: adapted from www.latameconomy.org]

(a)   (i)   Describe the relationship shown on the graph.                    *[3]*

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*(This question continues on the following page)*

*(Question 2 continued)*

    (ii)   Suggest **two** possible reasons for this relationship. *[2+2]*

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(b)   Briefly explain how debt relief can reduce global disparities. *[4]*

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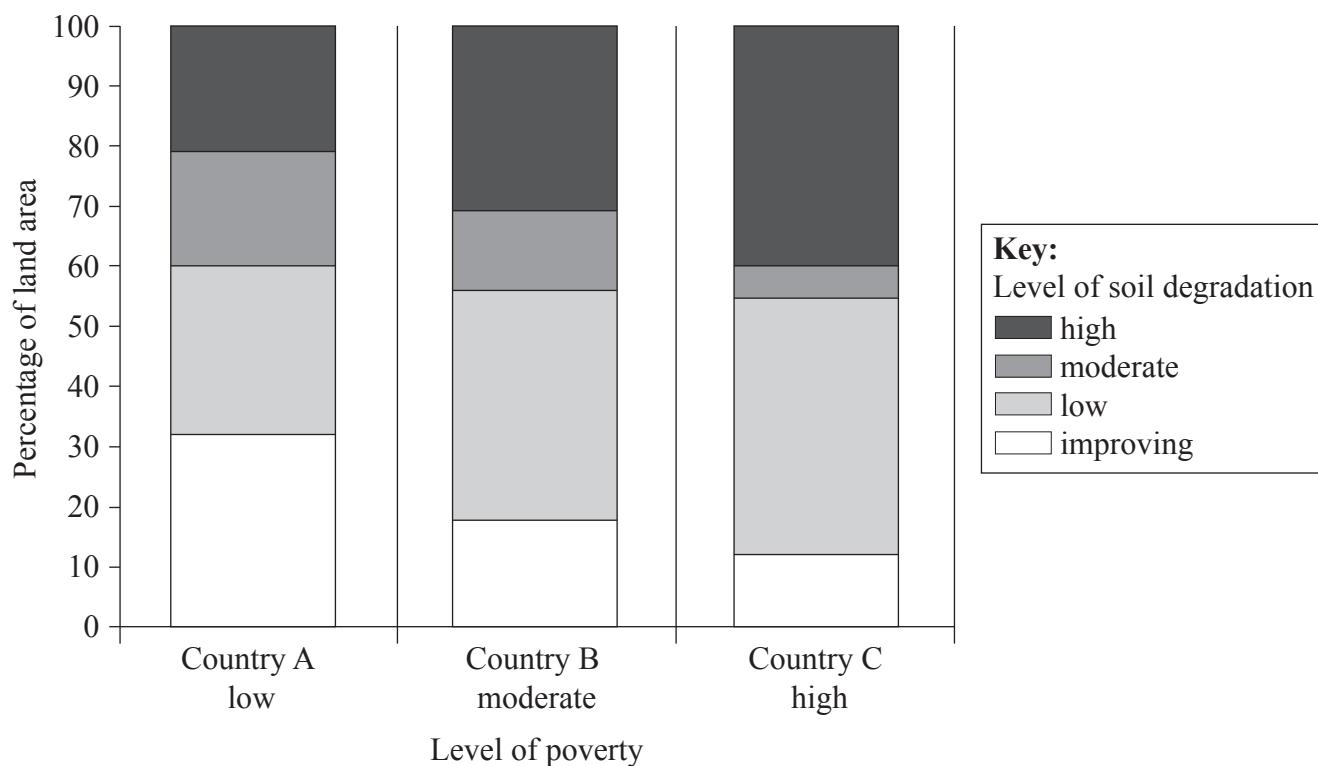
**Turn over**

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

The diagram shows the level of poverty and the level of soil degradation in three countries.



[Source: adapted from FAO (2011), *The state of the world's land and water resources for food and agriculture (SOLAW) – Managing systems at risk.* Food and Agriculture Organization of the United Nations, Rome and Earthscan, London. Reproduced with permission.]

*(This question continues on the following page)*

*(Question 3 continued)*
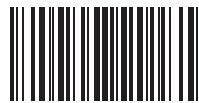
(a)   Describe the relationship between the level of poverty and the level of soil degradation shown on the diagram. *[3]*

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(b)   Explain **one** strategy that has been successful in reducing soil degradation. *[3]*

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*(This question continues on the following page)*

*(Question 3 continued)*

(c)   Explain the importance of maintaining biodiversity in tropical rainforests.   *[5]*

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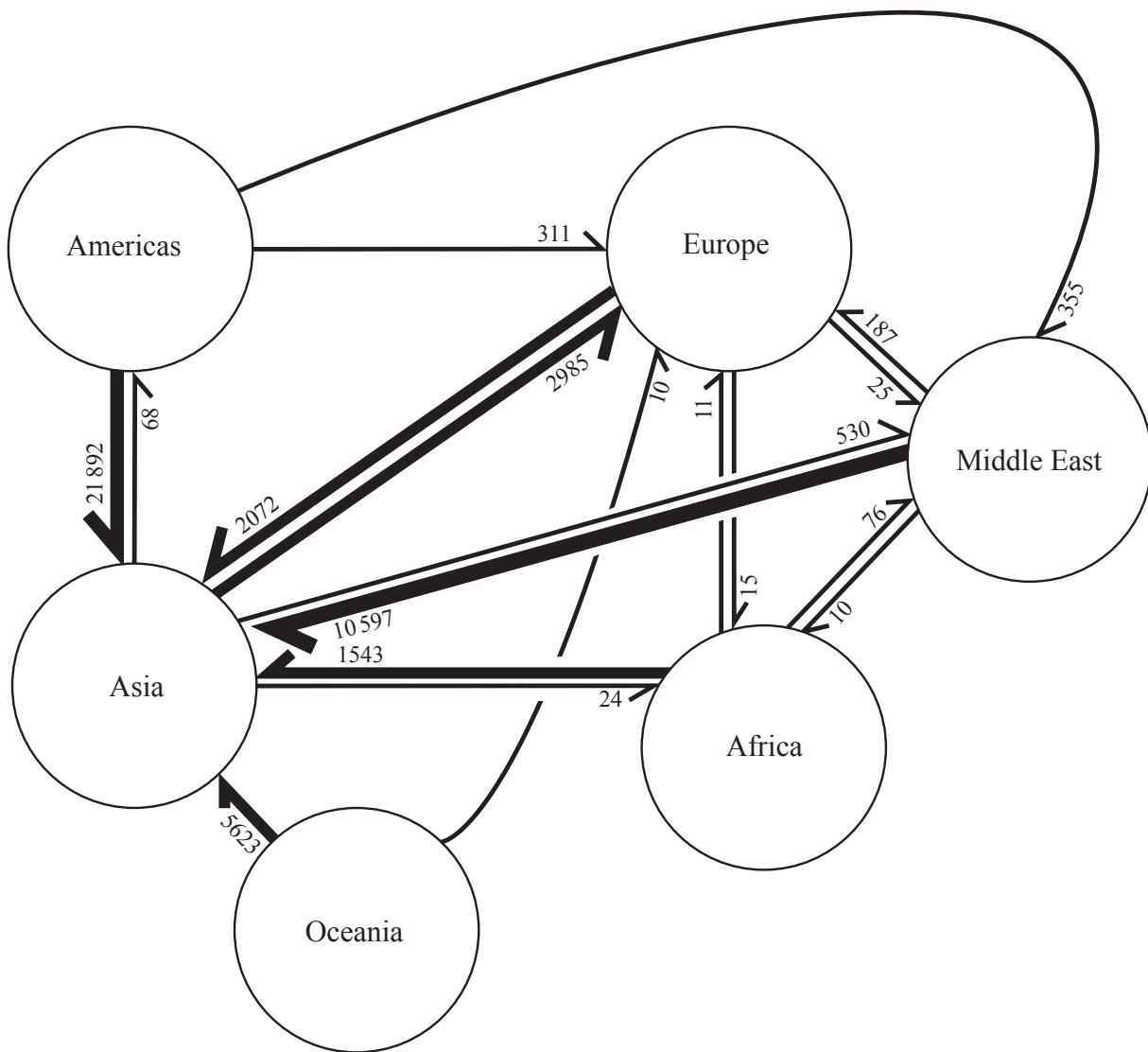
20EP11

## 4.    Patterns in resource consumption

The diagram shows the international movement of e-waste\*.  The numbers indicate the volume in metric tons.  The arrows indicate the direction of movement and their width is proportional to the volume of movement.



[Source: adapted from J Lepawsky and C McNabb, (2010), Mapping international flows of electronic waste.
*The Canadian Geographer / Le Géographe canadien* **54** (2), pages 177–195
©/ Canadian Association of Geographers / L'Association canadienne des géographes]

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\*    e-waste: electronic waste including computers, printers, cell phones, *etc*

*(This question continues on the following page)*

*(Question 4 continued)*

(a)     With reference to the diagram, describe the movement of e-waste into **and** out of Asia.     *[4]*

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*(This question continues on the following page)*

**Turn over**

*(Question 4 continued)*

(b)   Briefly explain the limitations of recycling as a strategy to reduce global resource consumption.   *[3]*

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*(This question continues on the following page)*

20EP14

*(Question 4 continued)*

(c)  Explain the neo-Malthusian view of the relationship between population size and
     resource consumption.                                                        *[4]*

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**Turn over**

**SECTION B**

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

5.  Referring to **one or more** countries, discuss the view that internal (national) migration can help to reduce economic and social disparities. *[15]*

6.  "We still have the resources to live as wastefully as we want." Discuss this statement. *[15]*

7.  "The Millennium Development Goals (MDGs) are unlikely to be achieved without a dramatic increase in global energy consumption." Discuss this statement. *[15]*

**Turn over**