



88145201

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

Candidate session number

--	--	--	--	--	--	--	--	--	--

Monday 17 November 2014 (afternoon)

Examination code

1 hour 30 minutes

8	8	1	4	-	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 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

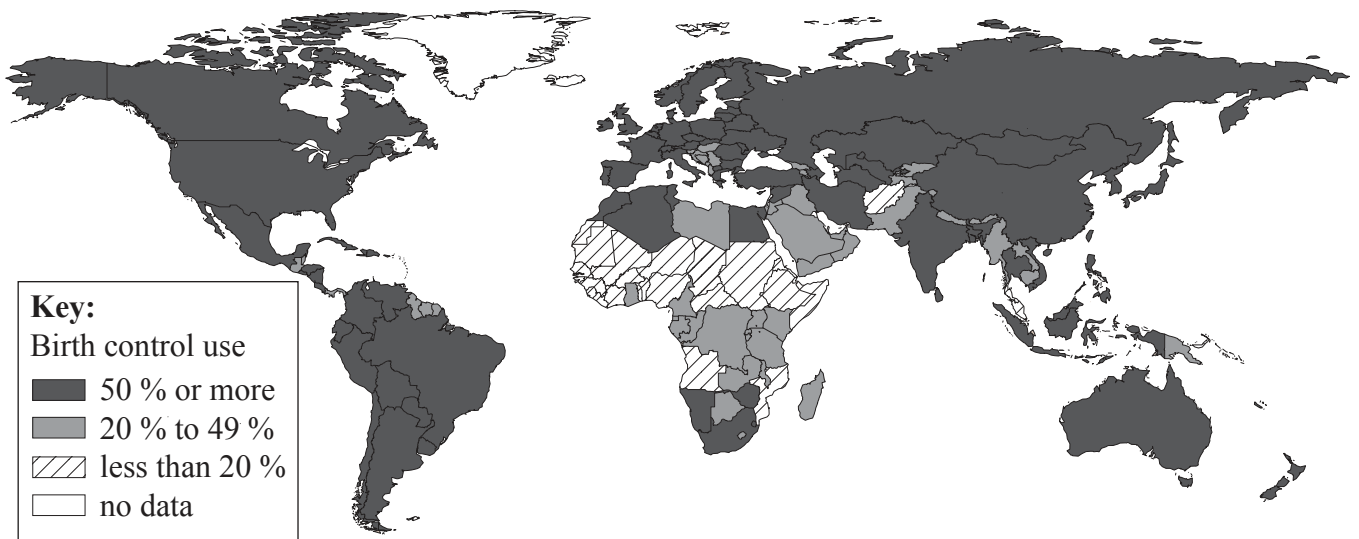
Core Theme – Patterns and Change

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.



[Source: Andrew Jack 2012, Bottlenecks that block the chain of supply, *Financial Times Health*, 9 July. Used under licence from the *Financial Times*. All rights reserved.]

(This question continues on the following page)



20EP02

(Question 1 continued)

(a) Describe the global pattern of birth control use shown on the map.

[4]

.....

.....

.....

.....

.....

.....

.....

.....

(This question continues on the following page)



20EP03

Turn over

(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]

1.

2.

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

1.

2.



Please **do not** write on this page.

Answers written on this page
will not be marked.

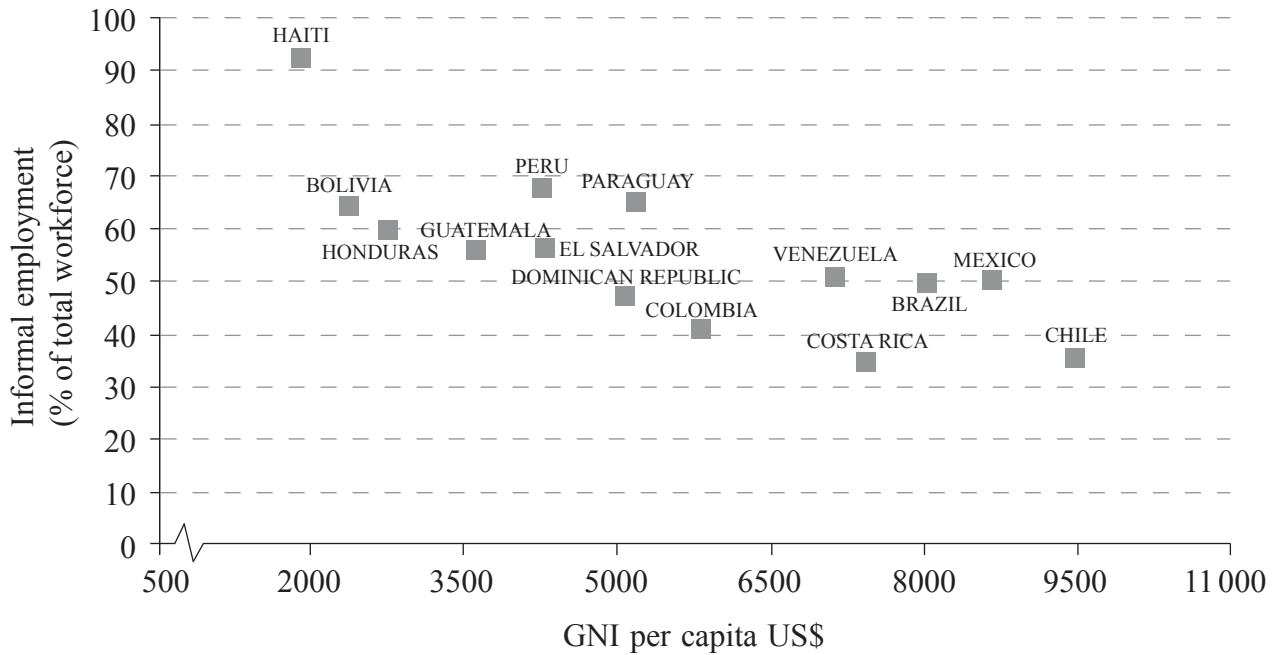


20EP05

Turn over

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]

.....

.....

.....

.....

.....

.....

(This question continues on the following page)



20EP06

(Question 2 continued)

(ii) Suggest **two** possible reasons for this relationship.

[2+2]

1.

2.

(b) Briefly explain how debt relief can reduce global disparities.

[4]

.....
.....
.....
.....
.....
.....
.....
.....
.....

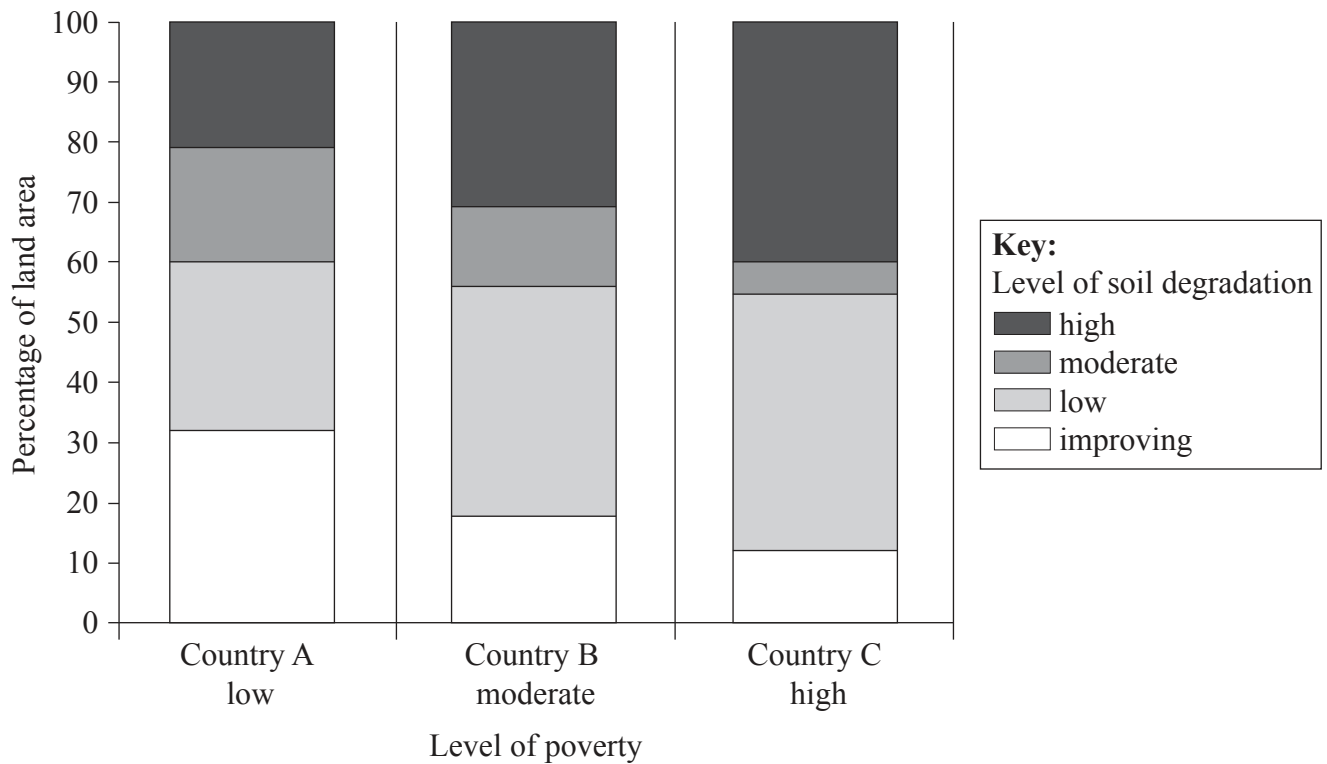


20EP07

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)



20EP08

(Question 3 continued)

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

.....

.....

.....

.....

.....

.....

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

.....

.....

.....

.....

.....

.....

(This question continues on the following page)



20EP09

Turn over

(Question 3 continued)

(c) Explain the importance of maintaining biodiversity in tropical rainforests.

[5]

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....



20EP10

Please **do not** write on this page.

Answers written on this page
will not be marked.

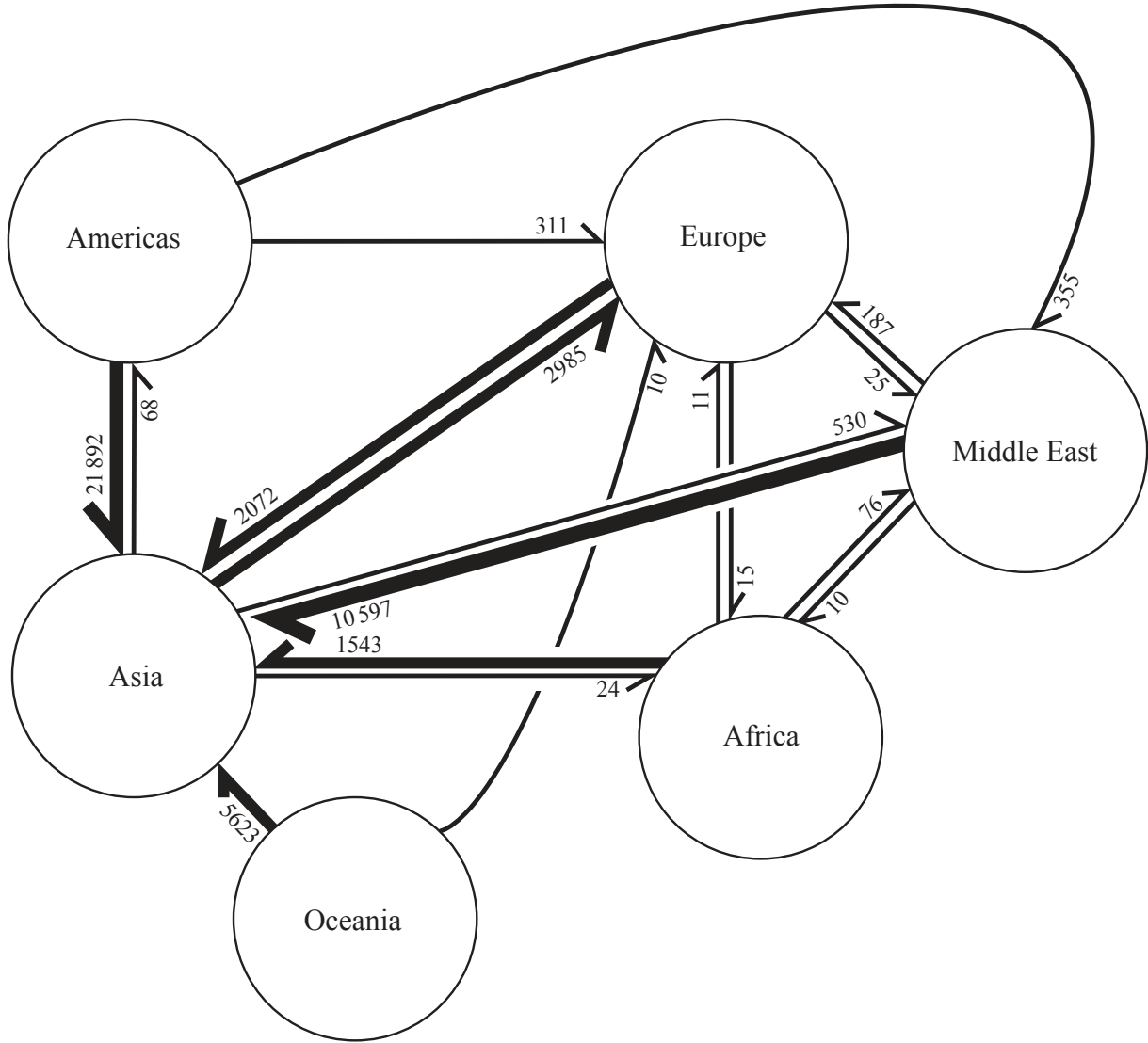


20EP11

Turn over

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]

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

(This question continues on the following page)



20EP12

(Question 4 continued)

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

.....

.....

.....

.....

.....

.....

.....

.....

(This question continues on the following page)



20EP13

Turn over

(Question 4 continued)

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

.....

.....

.....

.....

.....

.....

(This question continues on the following page)



(Question 4 continued)

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

.....

.....

.....

.....

.....

.....

.....

.....



20EP15

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]

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....



20EP16

A large rectangular area containing horizontal dotted lines for writing.



20EP17

Turn over

A large rectangular area with horizontal dotted lines, intended for writing.



20EP18

A large rectangular area containing a grid of dotted lines for writing. The grid consists of 26 horizontal rows, each with approximately 40 dots spaced evenly across the width of the box.



20EP19

Turn over

A large rectangular area with horizontal dotted lines for writing.



20EP20