



88135201

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

Thursday 14 November 2013 (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 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

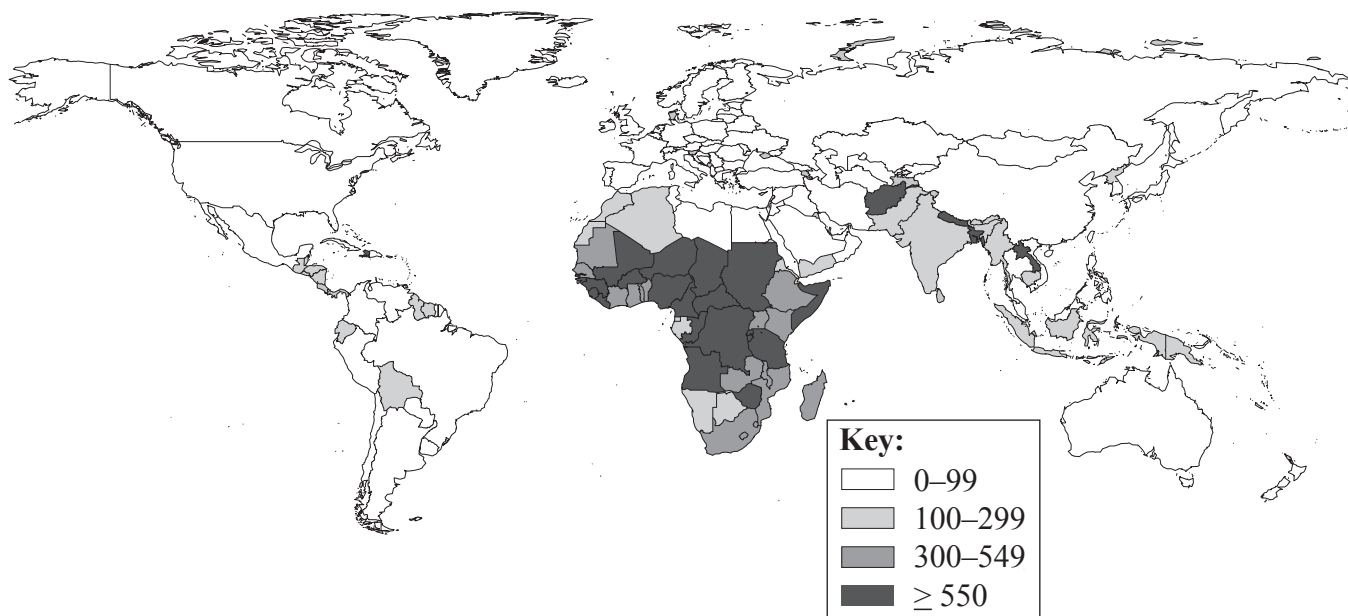
**Core Theme – Patterns and Change**

**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 maternal mortality ratio (maternal deaths per 100 000 live births) for different countries in 2010.



[Source: Reproduced, with the permission of the publisher, from *Trends in Maternal Mortality: 1990 to 2010*. Geneva, World Health Organization, Fig. 1, p. 23.  
[http://www.unfpa.org/webdav/site/global/shared/documents/publications/2012/Trends\\_in\\_maternal\\_mortality\\_A4-1.pdf](http://www.unfpa.org/webdav/site/global/shared/documents/publications/2012/Trends_in_maternal_mortality_A4-1.pdf)  
(accessed 08/01/2014)]

(a) Briefly describe the global pattern of the maternal mortality ratio shown on the map. [3]

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*(Question 1 continued)*

(b) Suggest **two** reasons why the maternal mortality ratio is so high in some countries. [2+2]

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2.	.....
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20EP03

**Turn over**

*(Question 1 continued)*

- (c) Explain the recent trends in life expectancy at birth for a **named** country or region. [5]

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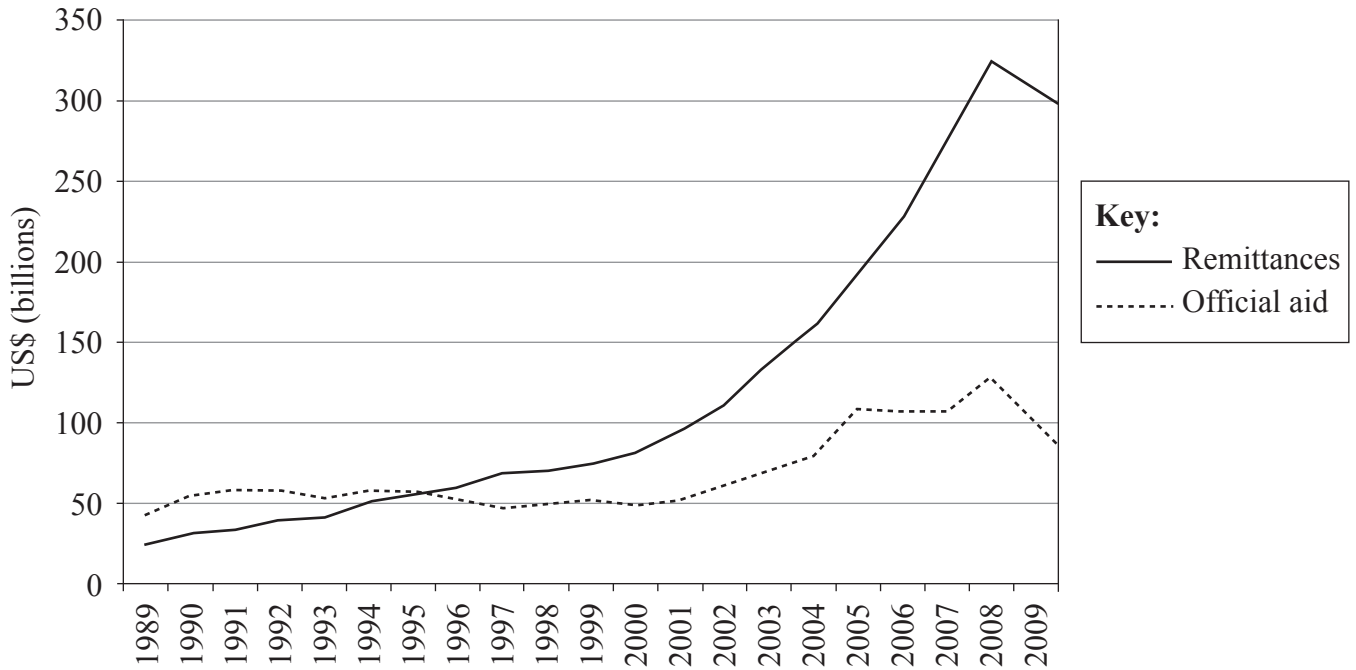


20EP05

Turn over

## 2. Disparities in wealth and development

The graph shows migrants' remittances and official aid to low and middle income countries, 1989–2009, in billions of US Dollars (USD).



[Source: The World Bank, *World Bank Migration and Remittances Factbook 2011* (2011)]

(a) Define the term *remittances*.

[2]

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*(Question 2 continued)*

(b) Referring to the graph, describe the trend in remittance flows since 1989.

[3]

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20EP07

**Turn over**

*(Question 2 continued)*

(c) Suggest **three** reasons why international financial aid is **not** always effective. [2+2+2]

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2.	..... ..... ..... .....
3.	..... ..... ..... .....





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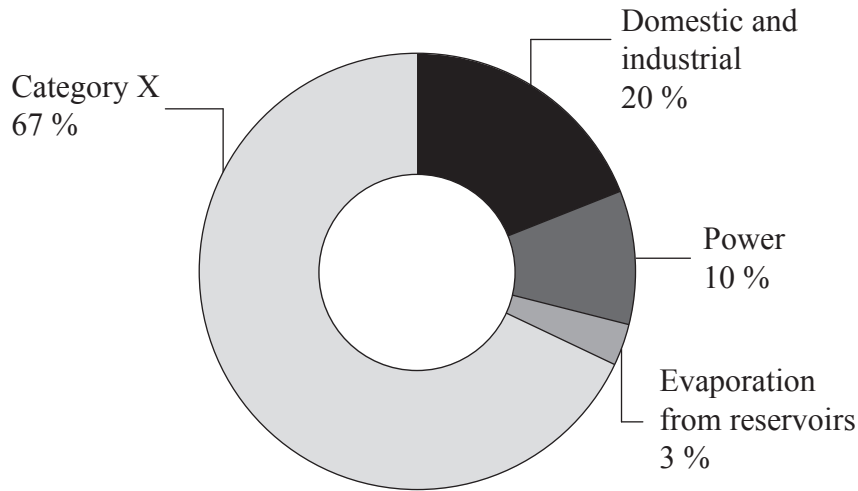


20EP09

Turn over

### 3. Patterns in environmental quality and sustainability

The graph shows the categories of global water consumption in 2010.



[Source: World Bank Development Report 2010.

[http://wdronline.worldbank.org/worldbank/a/c.html/world\\_development\\_report\\_2010/chapter\\_3\\_managing\\_land\\_water\\_feed\\_billion\\_people\\_protect\\_natural\\_systems/page/1](http://wdronline.worldbank.org/worldbank/a/c.html/world_development_report_2010/chapter_3_managing_land_water_feed_billion_people_protect_natural_systems/page/1)

Used with permission]

(a) Identify Category X on the diagram.

[1]

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*(Question 3 continued)*

(b) Define the term *physical water scarcity*.

[2]

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20EP11

**Turn over**

(Question 3 continued)

- (c) Explain **two** physical factors that affect the availability of safe drinking water for a community. [2+2]

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2. ....  
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*(Question 3 continued)*

(d) Analyse the role of water in the causes of soil degradation.

[4]

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20EP13

Turn over

**4. Patterns in resource consumption**

The table ranks the ten countries which had the largest oil consumption in 2010.

<b>Rank</b>	<b>Country</b>	<b>Oil consumption (thousands of barrels/day)</b>
1	USA	19 148
2	Country A	9057
3	Japan	4451
4	India	3319
5	Russia	3199
6	Saudi Arabia	2812
7	Brazil	2604
8	Germany	2441
9	South Korea	2384
10	Canada	2276

[Source: BP *Statistical Review of World Energy* June 2011]

(a) Identify Country A.

[1]

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(b) Briefly describe what is meant by the OPEC cartel.

[2]

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*(Question 4 continued)*

(c) Explain **two** geopolitical impacts of the rise in global oil consumption since 1990. [2+2]

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(d) Suggest **two** reasons why sources of renewable energy have become more important in many countries in recent years. [2+2]

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20EP19

Turn over

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