****

****

**Geography Higher and Standard Level**

**Paper 1**

**Monday 11 January 2009**

**1 hour**

INSTRUCTIONS TO CANDIDATES

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

**Core Theme – Patterns and Change**

**SECTION A**

*Answer* ***all*** *the questions in this section.*

1. **Populations in transition**

The logarithmic graph shows the relationship between GNP per capita and the rural and urban infant mortality rates (IMR) for eight countries.

1. Define *infant mortality rate* (IMR). *[2 marks]*

(b)Describe **two** relationships shown on the diagram. *[2+2 marks]*

1. Describe what role gender equality plays in fertility and health of a population.

*[5 marks]*

1. **Disparities in wealth and development**
2. Describe the main components used to calculate the Human Development Index. *[3 marks]*
3. Referring to the diagram in question 1, suggest reasons for the variation in infant mortality rates for rural and urban populations. *[5 marks]*
4. Describe two advantages and two disadvantages of international aid. *[4 marks]*
5. **Patterns in resource consumption**

This model claims to show the global trends in a number of variables involved in the development process.

****

1. Contrast the trends between 1900 and 2000 with the predicted trends between 2000 and 2100. *[5 marks]*
2. Describe how the views of Thomas Malthus are relevant today. *[4 marks]*
3. Describe a resource conservation strategy of your choice. *[2 marks]*

**SECTION B**

*Answer* ***one*** *question from this section.*

1. Discus the changing importance of alternatives to oil as an energy resource. *[15 marks]*
2. Describe the changing global pattern of economic development and evaluate the methods used to measure it. *[15 marks]*