

Paper One: The Core

Timing: 1 hour 30 minutes

Choice: None except in section B

Structure:

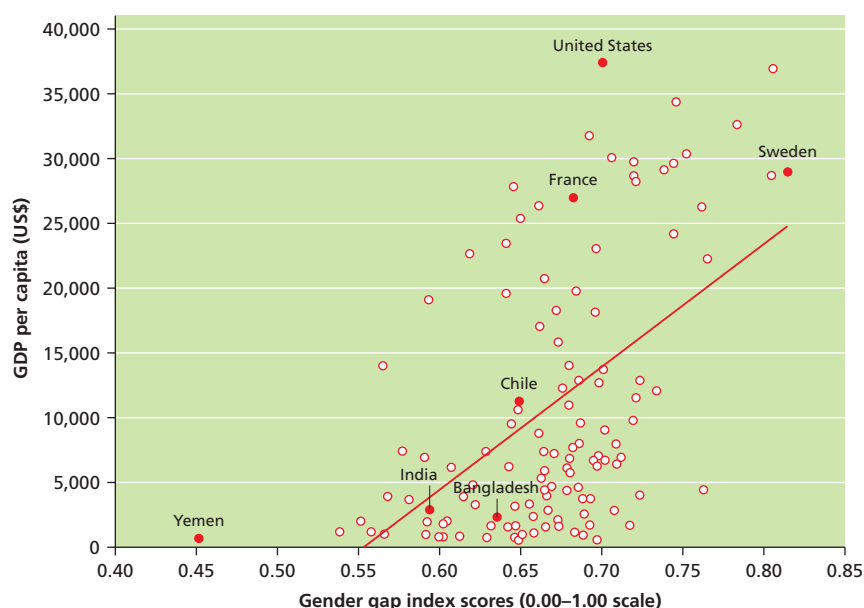
Section A has four compulsory short answer questions. Each question relates to one of the four core topics and is divided into three or four sub-questions. Some questions will use stimulus material such as graphs, maps and tables. The total mark allocation for each of the four questions is between 10 and 12 and the total for section A is 45. Lower level command terms, such as *describe* and *explain*, will be used in this section. Answers should be written in the spaces provided in the answer booklet and approximately two lines will be allocated for each mark.

Section B requires an extended response to one out of three essay-style questions, with the emphasis on synthesis and evaluation. Each of the three 15 mark questions may relate to one or more topic, but will have a different focus to avoid overlap with section A.

You should plan your time carefully and try to match minutes to marks. The mark ratio for sections A:B is 3:1, therefore you should not spend too long on the essay. Between 20-25 minutes is recommended, but individual skills vary, and practice in essay writing is essential.

Section A

1 Population and resources



Source: Gender Gap Index and the IMF's World Economic Outlook (April 2007) available at www.imf.org/weo

The Gender Gap Index shows the extent of the difference in access to opportunity and national resources between men and women. The Index scores range from 0 to 1.0 (1.0 equals total gender equality).

- a** Referring to the graph, describe the relationship between GDP per capita and the Gender Gap Index. [4 marks]

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- b** Briefly explain the relationships shown on this graph. [4 marks]

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- c** Explain how, and why, some national governments adopt pro-natalist population policies. [5 marks]

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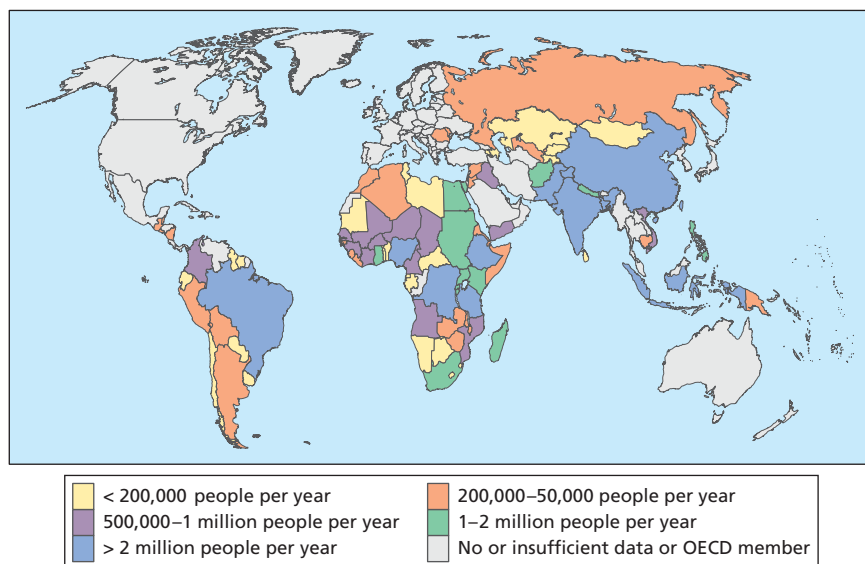
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2 Disparities in wealth and development

The annual number of people per year (2006 – 2015) gaining access to improved sanitation facilities to meet the Millennium Development Goals Sanitation target.



Source: UNICEF 2009, based on data in the WHO-UNICEF Joint Monitoring Programme for Water Supply and Sanitation (JMP) 2008 Report.

- a** Identify two countries shown on the map where access to improved sanitation will show the greatest rate of change between 2006 and 2015. [2 marks]

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- b** Briefly explain the pattern shown on the map. [4 marks]

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- c** Name two of the Millennium Development Goals (excluding sanitation) and explain the difficulties in achieving each one of them. [6 marks]

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3 Patterns of environmental quality and sustainability



Source: <http://earthobservatory.nasa.gov>

- a** Define biodiversity [2 marks]

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- b** Referring to the photo, explain **two** physical effects of tropical rainforest clearance. [4 marks]

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- c Suggest **one** social and **one** economic reason for conserving tropical rainforest. [4 marks]

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4 Patterns of resource consumption

- a Define the term *renewable resource*. [2 marks]

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- b Suggest **two** advantages of nuclear power as an energy source. [4 marks]

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- c Explain how recycling is an example of sustainable resource management. [6 marks]

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Section B**[Total 45 marks]**

- 5 Increasing food production inevitably leads to environmental degradation. Discuss this view. [15 marks]
- 6 Examine the benefits of international migration. [15 marks]
- 7 Shortage of freshwater is far more likely to generate international conflict than oil in the future. Discuss this view. [15 marks]