



88065201

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

Wednesday 15 November 2006 (afternoon)

1 hour 30 minutes

INSTRUCTIONS TO CANDIDATES

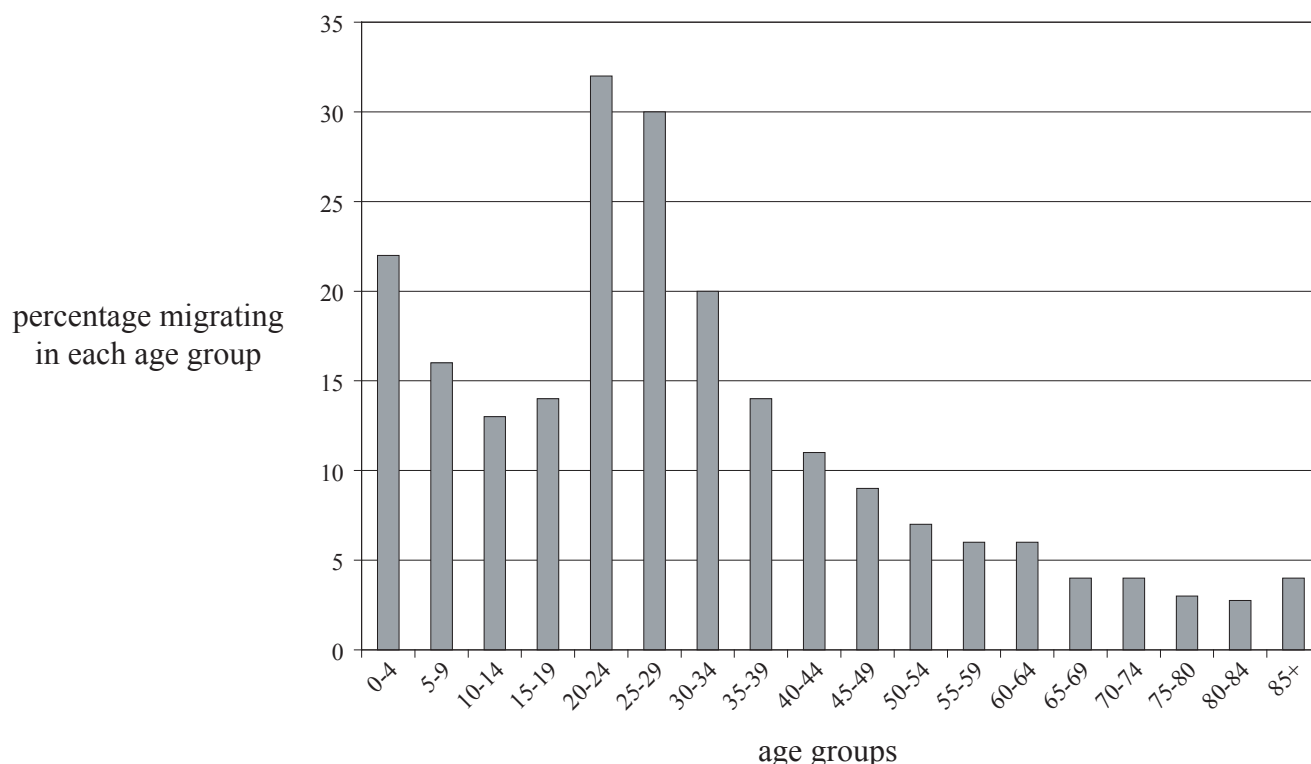
- Do not open this examination paper until instructed to do so.
- Answer two questions.

Core Theme: Population, Resources and Development

Answer **two** questions with all their parts.

Case studies and examples should be used to illustrate answers and, where appropriate, they should be specifically located. Include well drawn, large, relevant maps, sketches, tables and diagrams as often as applicable.

1. The diagram shows the percentage of different age groups migrating* within the USA in the year 2000-2001.

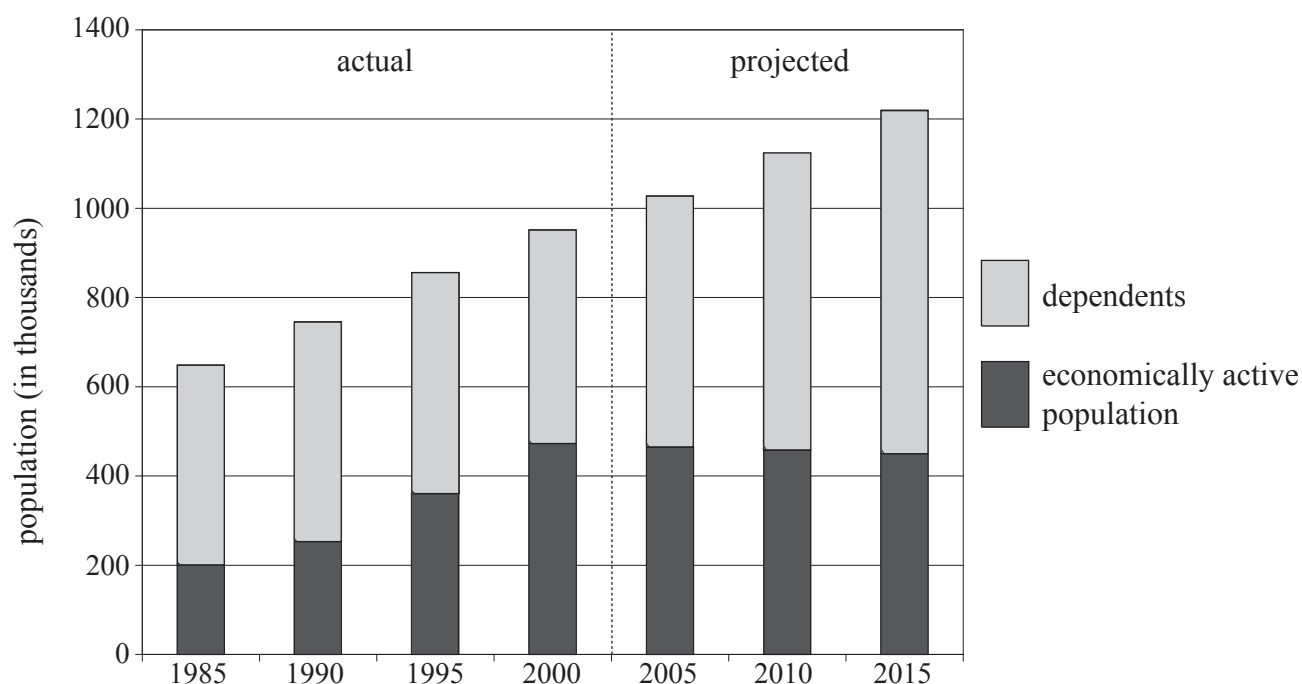


[Source: Population Reference Bureau: Population Bulletin (December 2003)]

- (a) Briefly describe and suggest possible reasons for the age-group pattern of population movement shown in the diagram. [2+3 marks]
- (b) Draw **two** population pyramids and annotate them to describe the population structures of migrants involved in:
- (i) forced migrations in LEDCs [2+3 marks]
 - (ii) voluntary migrations in LEDCs. [2+3 marks]
- (c) Examine the relative importance of the different factors that cause people to leave rural areas in LEDCs. Refer to specific examples or to a specific country. [10 marks]

* Migration is defined as a population movement involving a change in residence that lasts more than a year. It does not include daily movements.

2. The diagram shows the changes in the population of economically active groups and their dependents for the period 1985 to 2015 in an unnamed African country.



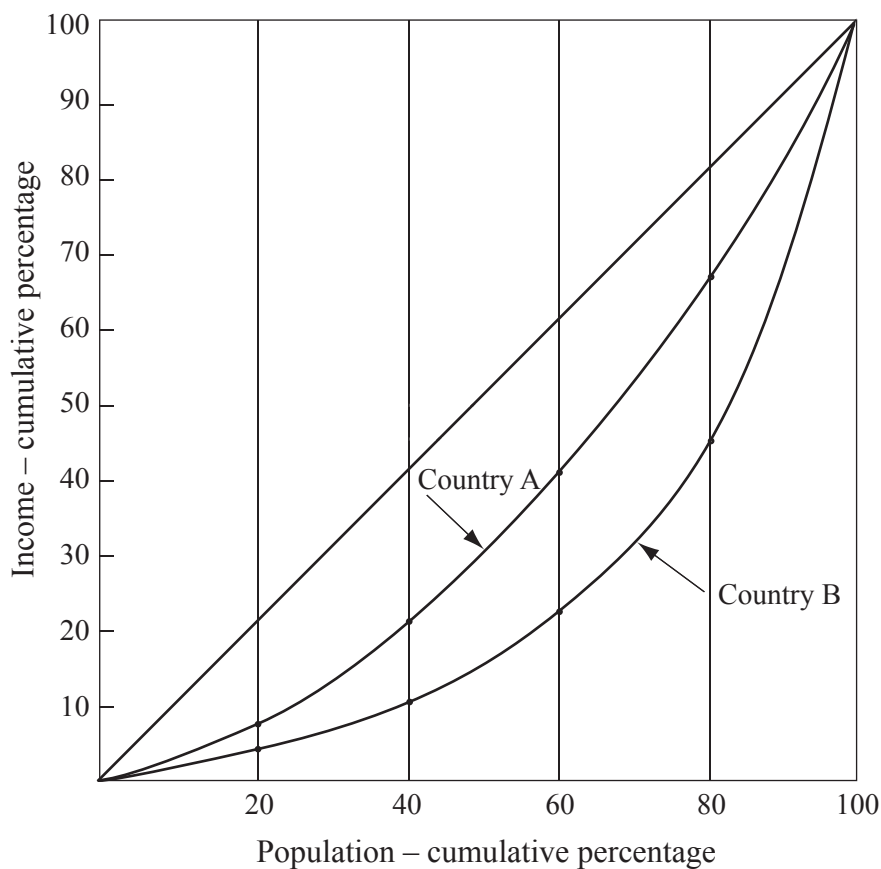
The table shows changes in the Human Development Index (HDI) for the same country.

Year	HDI
1985	0.569
1990	0.615
1995	0.620
2000	0.577
2001	0.547
2002	0.519

[Source: UNHDP – Human Development Report 2004]

- (a) The dependency ratio for the country shown was 223 in 1985.
- Describe how this particular value was obtained. [1 mark]
 - Determine in which year it is most favourable. [1 mark]
- (b) Briefly explain what the changing dependency ratio means for the country shown in the diagram. [4 marks]
- (c) Describe the changes in the value of the HDI shown in the table and suggest how AIDS may have been responsible for these changes. [3+6 marks]
- (d) Discuss the relative importance of the factors, other than disease, that have limited the development of a country of your choice. [10 marks]

3. The diagram shows the distribution of income for two countries.



[Source: World Bank data, 2004]

- (a) Referring to the diagram, state the percentage of income earned by:
- (i) the poorest 40 percent in Country A [1 mark]
 - (ii) the richest 20 percent in Country B. [1 mark]
- (b) Outline the problems which result from an income distribution such as that shown by Country B. [5 marks]
- (c) With reference to a specific resource, explain how effective any attempt to conserve it has been. [8 marks]
- (d) Examine the issues which encourage the exploitation of natural resources in LEDCs. [10 marks]