

GEOGRAPHY
HIGHER LEVEL AND STANDARD LEVEL
PAPER 1

Tuesday 2 May 2006 (afternoon)

1 hour 30 minutes

INSTRUCTIONS TO CANDIDATES

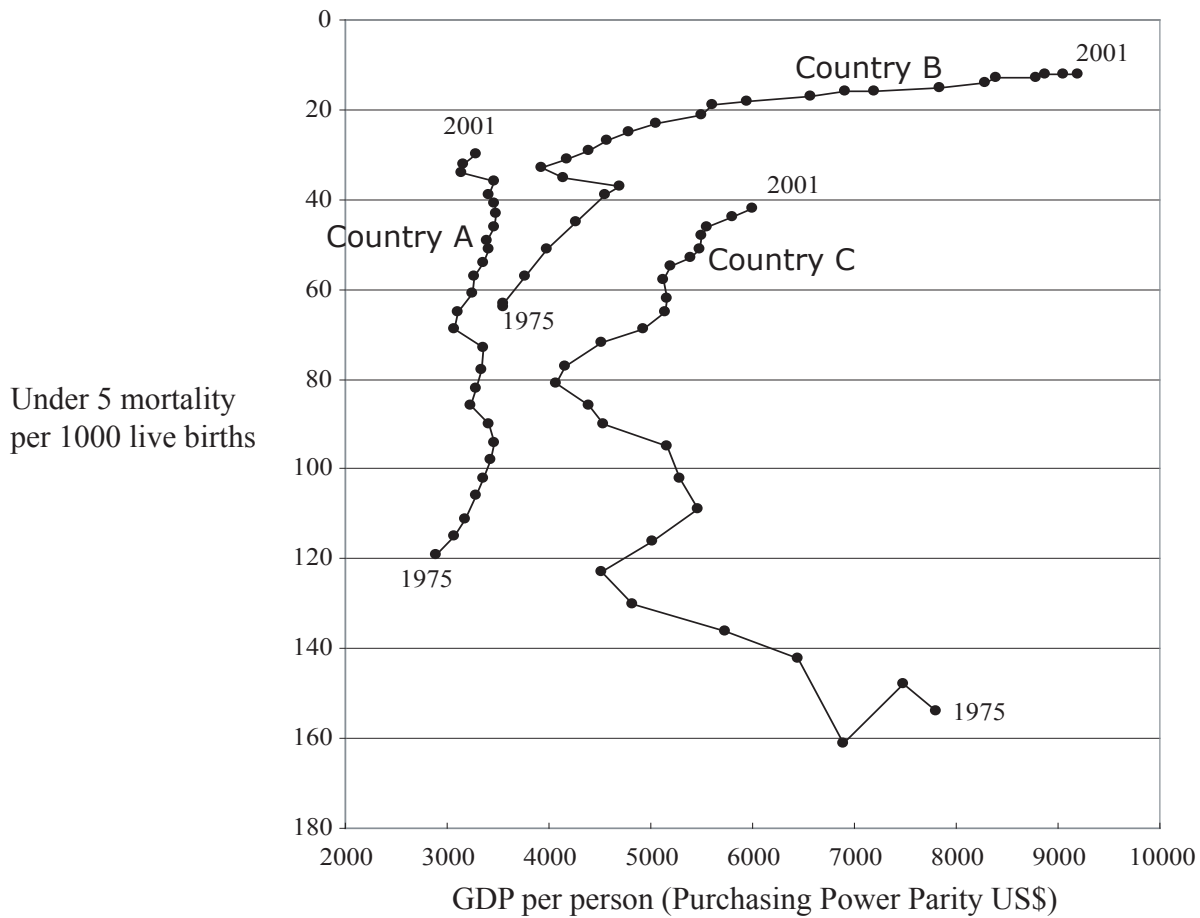
- Do not open this examination paper until instructed to do so.
- Answer two questions.

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.

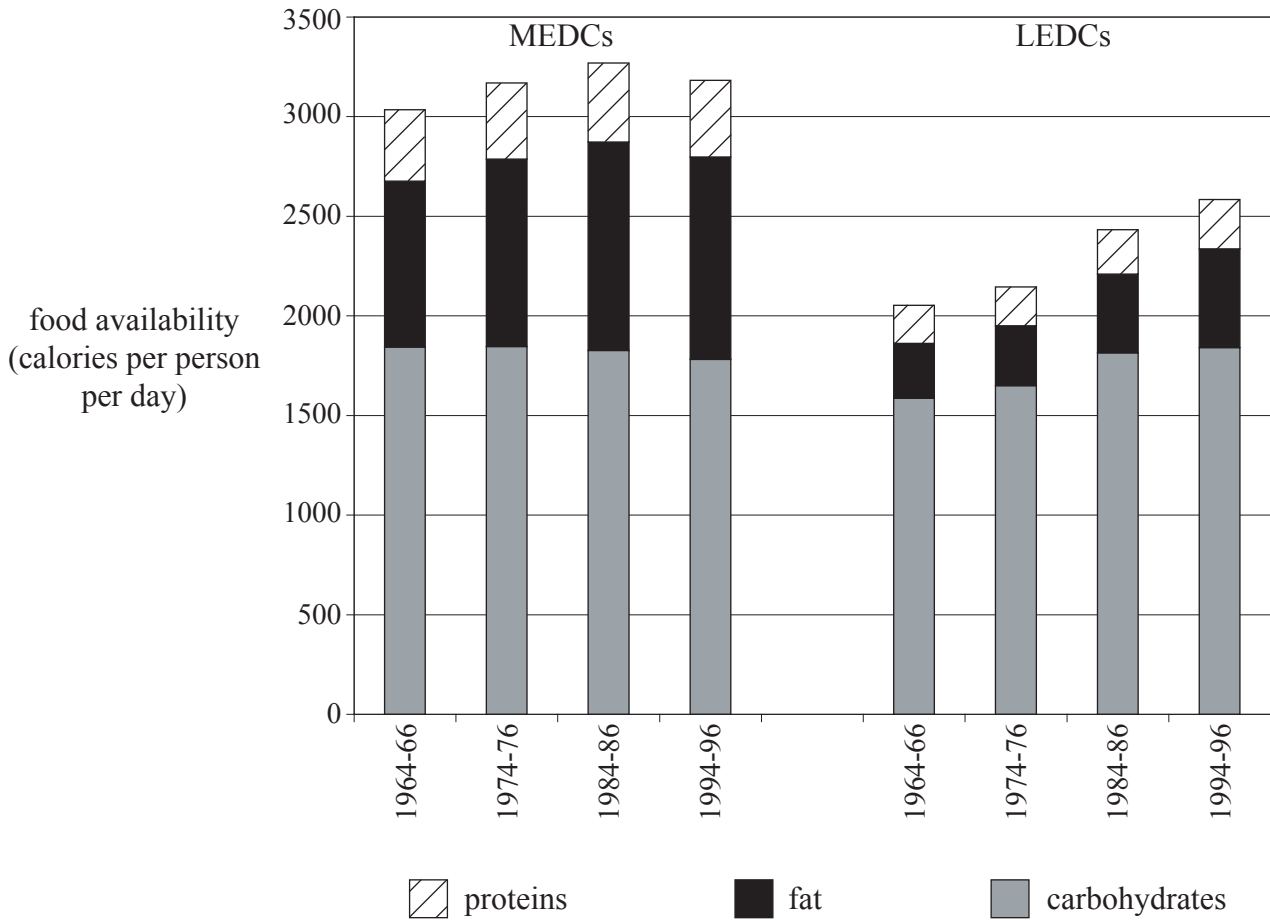
1. The diagram below shows the changes over the period 1975 to 2001 in the GDP per person and the mortality rate for children under five years of age for three unspecified countries.



[Source: United Nations]

- (a) With reference to the diagram, describe the changes in the relationship between GDP per person and the under 5 mortality rate in Country A **and** in Country C over the period 1975 to 2001. [4 marks]
- (b) Briefly describe and explain the trends in the under 5 mortality rate and GDP per person in Country B. [2+3 marks]
- (c) Evaluate the use of measures of mortality as indicators of development. [6 marks]
- (d) Referring to **one** country of your choice, discuss how external factors (outside the country), **excluding food aid**, have affected its level of economic development. [10 marks]

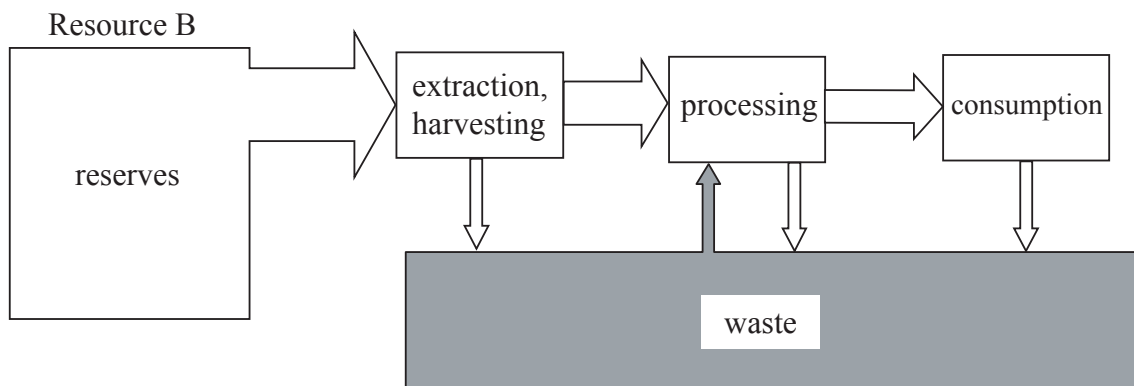
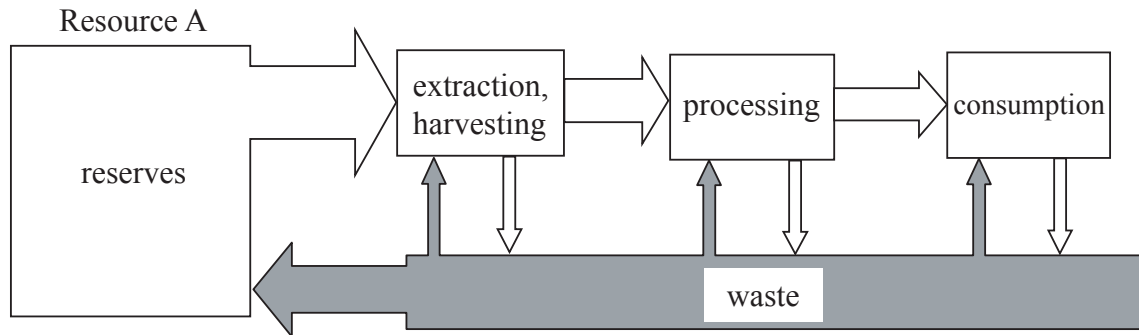
2. The diagram shows the availability of food for selected two-year periods in MEDCs and LEDCs.



[Source: Food and Agriculture Organization]

- (a) Describe the trends in total food availability shown in the diagram. *[3 marks]*
- (b) Explain how the data shown illustrates the problem of malnutrition. *[5 marks]*
- (c) With reference to examples, explain why there has been a decrease in the production of food per person in some parts of the world. *[7 marks]*
- (d) “Food aid benefits rich countries as much as poor countries.” Discuss this statement with reference to examples. *[10 marks]*

3. The diagram below shows the ways in which two types of resources, A and B, can be exploited through all stages from production to consumption.



- (a) Give an example of a resource type A and a resource type B and justify your choices. [2+2 marks]
- (b) With reference to the diagram and to examples, describe **one** way in which the volume of waste can be managed by each of the following:
- (i) recycling at the consumption stage [2 marks]
 - (ii) conservation at the processing stage. [2 marks]
- (c) Describe and explain the changes in the global consumption patterns of **one** of the following resources: water, **or** a fossil fuel, **or** a forest product. [2+5 marks]
- (d) Examine the economic costs and benefits of a sustainable development policy of your choice. [10 marks]