



88095201



International Baccalaureate®
Baccalauréat International
Bachillerato Internacional

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

Thursday 12 November 2009 (afternoon)

1 hour 30 minutes

INSTRUCTIONS TO CANDIDATES

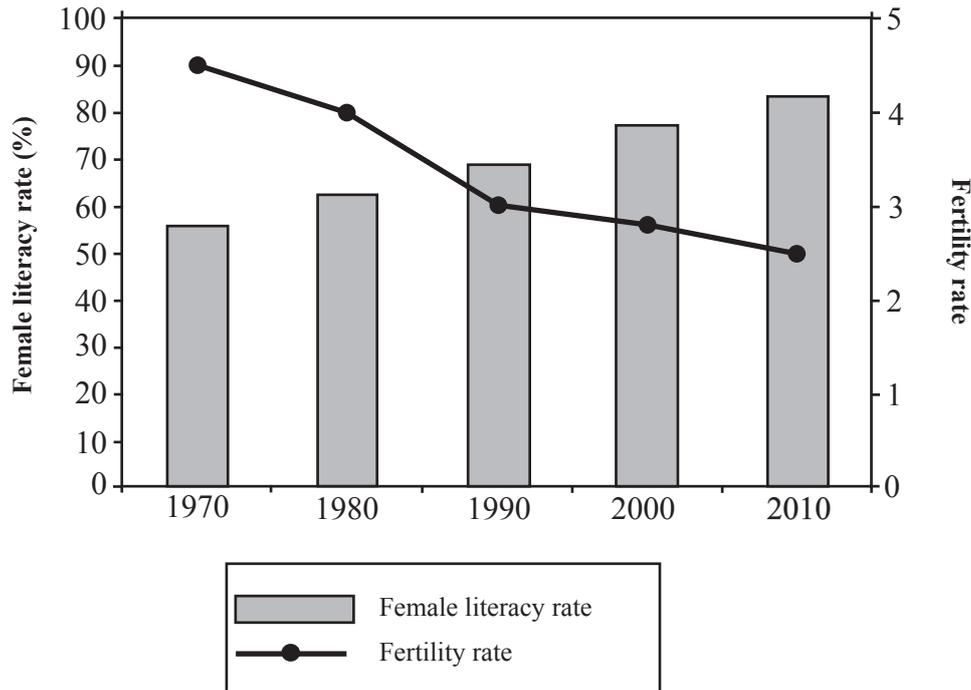
- Do not open this examination paper until instructed to do so.
- Answer two questions.

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.

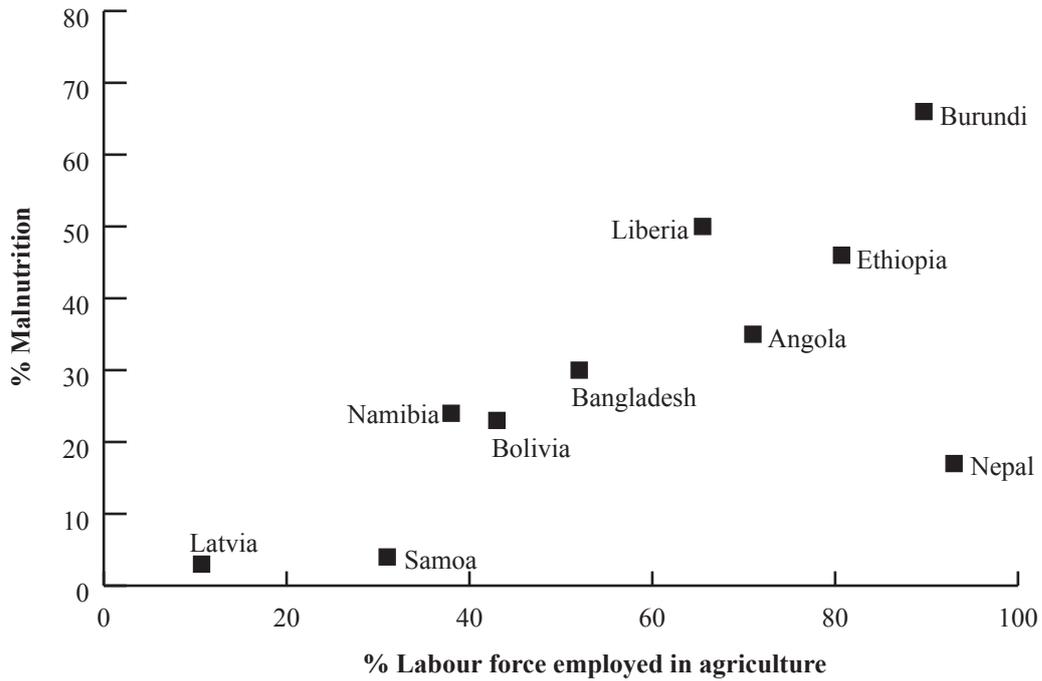
1. The graph shows global trends in female literacy and fertility rates.



[Source: <http://www.prb.org>]

- (a) Referring to the graph, describe the trends in the two rates. [3 marks]
- (b) Suggest **three** reasons for the trend in global fertility. [2+2+2 marks]
- (c) Explain why the mortality rate in some countries is increasing. [6 marks]
- (d) Using a case study, discuss the socio-economic costs of a named disease. [10 marks]

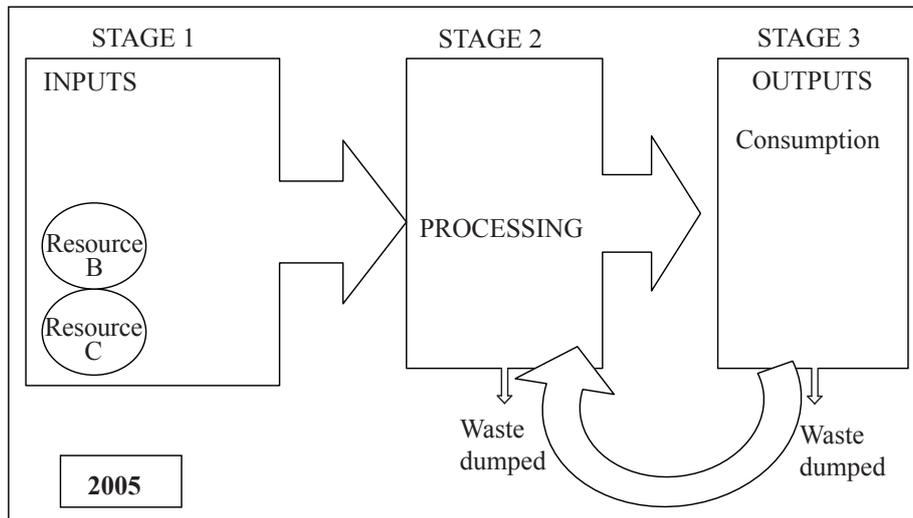
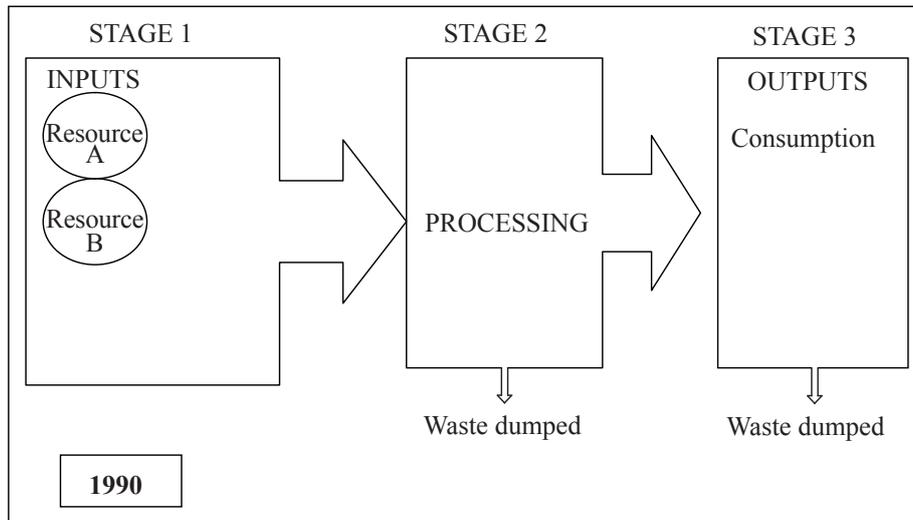
2. The graph shows the relationship between malnutrition as a percentage of the total population and employment in agriculture for ten selected countries.



[Source: WRI and FAO, (2005)]

- (a) Briefly explain what is meant by malnutrition. *[2 marks]*
- (b) (i) Describe the relationship shown on the graph. *[3 marks]*
- (ii) Suggest **two** possible reasons for this relationship. *[2+2 marks]*
- (c) Describe **one** composite index used to measure international differences in quality of life and comment on its validity. *[6 marks]*
- (d) Examine the issues that influence the level of economic development of **one** country of your choice. *[10 marks]*

3. The diagram shows the stages resources pass through from extraction (Stage 1) to consumption (Stage 3) and the actual possible material flows for two different dates.



- (a) (i) State **two** strategies that have been put in place by 2005 to make the process more sustainable. *[2 marks]*
- (ii) Name a third management strategy that could have been used. *[1 mark]*
- (b) Describe an example where a resource has been successfully managed through substitution. *[6 marks]*
- (c) With reference to a specific resource, analyse why the spatial distribution of its production has changed over time. *[6 marks]*
- (d) “The sustainable management of resources is not a priority for less economically developed countries.” Discuss this statement using examples. *[10 marks]*