



Rewarding Learning

ADVANCED  
General Certificate of Education  
January 2010

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## Geography

Assessment Unit A2 2

*assessing*

Module 5: Processes and Issues in  
Human Geography

[A2G21]

TUESDAY 26 JANUARY, MORNING

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A2G21

### TIME

1 hour 30 minutes.

### INSTRUCTIONS TO CANDIDATES

Write your Centre Number and Candidate Number on the Answer Booklet provided.

Answer **two** questions.

Answer **one** question from each of the **two** optional units you have studied.

### INFORMATION FOR CANDIDATES

The total mark for this paper is 70.

Quality of written communication will be assessed in **all** questions.

Figures in brackets printed down the right-hand side of pages indicate the marks awarded to each question or part question.

You are strongly recommended to read through and consider the questions before choosing those you are going to answer.

This paper is accompanied by a Resource Booklet.

## Unit A: Impact of Population Change

- 1 (a) Study **Resource 1A** (page 2 of the Resource Booklet), which shows population change in Northern Ireland between 1995 and 2006.
- (i) What is “natural population change”? [1]
- (ii) Describe the trends shown on **Resource 1A**. [4]
- (b) Study **Resource 1B** (page 3 of the Resource Booklet), which details demographic transitions.
- (i) Sketch the demographic transition model and annotate it in appropriate places with the letters **A**, **B** and **C** from **Resource 1B**. [6]
- (ii) How does **Resource 1B** support the ideas about population sustainability proposed by Ester Boserup? [8]
- (c) “Population policies may have negative impacts upon a society.” Discuss this statement with reference to your **two** case studies of **either** national fertility policies **or** national migration policies. [15]
- 2 (a) Study **Resources 2A** and **2B** (pages 4–5 of the Resource Booklet), which deal with fertility in Italy where the percentage of women choosing to remain childless has risen from 9% for those born in 1946 to 22% for those born in 1966.
- (i) Discuss the reasons given in **Resource 2A** for women voluntarily remaining childless. [6]
- (ii) **Resource 2B** demonstrates a variation in the potential success of four pro-natalist policies in Italy. Use the information shown in **Resource 2B** to help you explain this variation. [8]
- (b) With reference to places for illustration, distinguish between push and pull factors in decision-making for migration. [6]
- (c) How has migration impacted upon population size and distribution in your small-scale case studies of out-migration and in-migration? [15]

## Unit B: Issues in Ethnic Diversity

- 3 (a) Study **Resources 3A** and **3B** (page 6 of the Resource Booklet) relating to UK citizenship tests.
- (i) **Resource 3A** claims that these tests will promote greater integration of the ethnic communities into British society. Explain how the UK citizenship test policy might achieve this. [6]
- (ii) In your opinion, are the sample questions shown in **Resource 3B** an adequate test of “people’s preparedness to become British citizens”? Justify your answer. [4]
- (b) Identify and explain how any **two** processes might operate to maintain ethnic diversity in an urban area. [10]
- (c) With reference to your case study of a **LEDC** where ethnic conflict has occurred:
- explain the causes of the conflict; and
  - describe the outcomes and responses to that conflict. [15]
- 4 (a) Study **Resource 4** (page 7 of the Resource Booklet) relating to Chad.
- (i) Identify any **two** primary factors that define ethnicity in Chad and discuss their role in the conflicts described in **Resource 4**. [8]
- (ii) Discuss possible reasons for the outside intervention that this conflict has attracted. [4]
- (b) Explain how colonisation and migration can bring about increased ethnic diversity. [8]
- (c) “Ethnic contact in plural societies has various outcomes.” Discuss this statement with reference to:
- federalism;
  - separation;
  - conflict.
- You must make reference to examples in your answer. [15]

### Unit C: Planning for Sustainable Settlements

- 5 (a) Study **Resource 5A** (page 8 of the Resource Booklet), which details an extensive brownfield development site in Sydney, a former steelmaking town in eastern Canada.
- (i) What evidence is there of good practices regarding the cleanup and redevelopment of this site? [4]
- (ii) How might this and other brownfield development sites be re-used in a way that emphasises sustainable development? [10]
- (b) Study **Resources 5B–5D** (page 9 of the Resource Booklet) which illustrate three modes of tracked transport within cities. Explain the contribution that such forms of public transport make to urban sustainability. [6]
- (c) There is increasing emphasis on sustainable development in planning policies and practices. Discuss this statement with reference to your **two** urban case studies. [15]
- 6 (a) Study **Resource 6A** (page 10 of the Resource Booklet) which shows the part of Trafalgar Square in central London that has been pedestrianised. In what ways can pedestrianisation schemes of this nature benefit urban areas? [5]
- (b) Study **Resource 6B** (page 11 of the Resource Booklet) on transport problems and policies in Dar es Salaam, Tanzania. Use the Resource to **help you** discuss the way in which traffic management strategies attempt to address problems of urban transport. [10]
- (c) Why are some areas designated as “protected land”? [5]
- (d) With reference to your national scale case study where sustainability is promoted effectively, evaluate the success of containment policies which restrict urban development. [15]

**Unit D: The Changing Nature of Economic Activity**

- 7 (a) Study **Resource 7** (page 12 of the Resource Booklet) relating to world trends
- (i) What graphical technique should be used to illustrate the information in **Resource 7**? Explain your choice. [1]
- (ii) Using the Resource **to help you**, describe and explain the increasing scale and range of destinations for tourists. [9]
- (b) In relation to tourism, explain the meaning of:
- product cycle; and
  - carrying capacity. [8]
- (c) With reference to your regional/national case study of tourism management:
- outline the aims of the management policy; and
  - evaluate the success of the policy. [15]
- 8 (a) Study **Resources 8A–8D** (pages 14–15 of the Resource Booklet) relating to Titanic Quarter in Belfast.
- (i) This region has experienced deindustrialisation. Explain briefly why deindustrialisation occurs. [4]
- (ii) Use the Resources **to help you** discuss the possible consequences of deindustrialisation. [8]
- (b) In relation to economic activity, explain the meaning of:
- vertical integration; and
  - globalisation. [8]
- (c) With reference to your local/regional scale case study where agriculture has changed:
- describe the change that has occurred; and
  - discuss the social and environmental consequences that have resulted. [15]

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**THIS IS THE END OF THE QUESTION PAPER**

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