



Rewarding Learning

ADVANCED
General Certificate of Education
January 2012

Geography

Assessment Unit A2 1

assessing

Human Interactions and
Global Issues

[AG211]



TUESDAY 24 JANUARY, MORNING

TIME

1 hour 30 minutes.

INSTRUCTIONS TO CANDIDATES

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

Answer **three** questions.

Section A: answer **two** questions, one from each of the optional units you have studied.

Section B: answer **one** question from this section.

INFORMATION FOR CANDIDATES

The total mark for this paper is 90.

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.



6980

Section A

Answer **two** questions from Section A, one from each of the two optional units you have studied.

Option A: Impact of Population Change

Either

- 1 (a) Evaluate the theory of population sustainability put forward by Thomas Malthus. [6]
- (b) Using **Resource 1** (page 2 of the Resource Booklet) relating to changing patterns of migration from Albania, identify and describe any **three** of the following aspects of migration:
- push/pull processes;
 - barriers to migration;
 - migration streams;
 - migrant characteristics. [9]
- (c) With reference to a national **migration** policy you have studied, explain why the policy was adopted and discuss how well its aims have been achieved. [15]

Or

- 2 (a) Study **Resource 2A** (page 3 of the Resource Booklet), which presents population projections for the UK based on different policy options. Explain why a zero immigration policy would be most effective in limiting projected population growth. [6]
- (b) Study **Resource 2B** (page 3 of the Resource Booklet) which presents the policy proposals of the Optimum Population Trust. How does the national fertility policy you have studied compare to any **three** of the global proposals outlined in **Resource 2B**? [9]
- (c) With reference to global contrasts, explain why trends in both fertility and mortality rates have varied over **time**. [15]

Option B: Planning for Sustainable Settlements**Either**

- 3 (a) Describe the environmental and social consequences of the competition between out-of-town shopping locations and town centres. [6]
- (b) Study **Resources 3A and 3B** (pages 4 and 5 of the Resource Booklet), which illustrate some traffic and transport policies in Kolkata and Brussels. Use this material **to help you** explain how traffic and transport policies can contribute to urban sustainability. [9]
- (c) Describe Local Agenda 21 and discuss how it influenced planning for sustainability in your small-scale case study. [15]

Or

- 4 (a) What is urban conservation and how does its practice contribute to sustainability? [6]
- (b) Discuss the impact of de-industrialisation on cities. [9]
- (c) Study **Resource 4** (pages 6–7 of the Resource Booklet) relating to urban improvements in South Korea.

Using this material, together with reference to other places for illustration, indicate how sustainable development is affected by social and environmental considerations. [15]

Option C: Issues in Ethnic Diversity**Either**

- 5 (a) Briefly explain how **both** colonisation and international migration can create ethnic diversity. [6]
- (b) Study **Resource 5** (page 8 of the Resource Booklet) relating to Kosovo which has recently gained independence from Serbia.
- Using this resource **to help you**, evaluate the success of territorial division as an outcome of ethnic conflict. [9]
- (c) With reference to your case study of an ethnically diverse city, discuss the economic, social and spatial outcomes that have resulted from its ethnic diversity. [15]

Or

- 6 (a) Briefly explain how **both** residential concentration and gender can help define ethnic identity. [6]
- (b) Study **Resource 6** (page 9 of the Resource Booklet) relating to multicultural issues in Europe.
- Explain what is meant by multiculturalism and, using this resource, discuss the recent challenges to the prevailing multiculturalist approach to ethnic diversity in Europe. [9]
- (c) With reference to a national case study of ethnic conflict:
- outline the causes of the conflict; and
 - describe the nature of the conflict. [15]

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(Section B begins overleaf)

Section B

Answer **one** question from this section.

Global Issues

- 7 (a) Briefly explain why there are problems in defining the concept of pollution. [4]
- (b) With reference to your primary data collection relating to air pollution, outline **one** data collection technique used and briefly comment on the suitability of this technique for the study. [6]
- (c) With reference to a small scale study:
- outline the environmental and health impacts of air pollution in this location; and
 - briefly comment on the progress made in managing this issue. [20]
- 8 (a) Briefly outline any **two** uses of nuclear energy. [4]
- (b) With reference to your primary data collection relating to nuclear energy, outline **one** data collection technique used and briefly comment on the suitability of this technique for the study. [6]
- (c) “The benefits of nuclear energy production exceed the possible problems arising from its use.”
- With reference to places including the British Isles, discuss the extent to which you agree with this statement. [20]

- 9 (a) Briefly describe **one** way in which the use of technologically advanced inputs benefits agriculture. [4]
- (b) With reference to your primary data collection relating to agricultural change, outline **one** data collection technique used and briefly comment on the suitability of this technique for the study. [6]
- (c) “The use of GM crops is unacceptable because of the potential damage to the environment.”
- With reference to evidence, discuss the extent to which you agree with this statement. [20]
- 10 (a) Briefly describe **one** consequence of tourism change and suggest how it might be managed. [4]
- (b) With reference to your primary data collection relating to tourism and its management, outline **one** data collection technique used and briefly comment on the suitability of this technique for the study. [6]
- (c) “The benefits of ecotourism for the environment and society outweigh the potential damage it may cause.”
- With reference to places for illustration, discuss the extent to which you agree with this statement. [20]

THIS IS THE END OF THE QUESTION PAPER
