# OCR
## RECOGNISING ACHIEVEMENT

**ADVANCED SUBSIDIARY GCE** **2681**
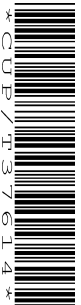
**GEOGRAPHY A**

The Human Environment

**MONDAY 14 JANUARY 2008**

Morning

Time: 1 hour

Candidates answer on the question paper
**Additional materials (enclosed):** An Insert

**Additional materials (required):**
None

| Candidate Forename | | Candidate Surname | |
|---|---|---|---|

| Centre Number | | Candidate Number | |
|---|---|---|---|

**INSTRUCTIONS TO CANDIDATES**

- Write your name in capital letters, your Centre Number and Candidate Number in the boxes above.
- Use blue or black ink. Pencil may be used for graphs and diagrams only.
- Read each question carefully and make sure that you know what you have to do before starting your answer.
- Answer **all** the questions.
- Do **not** write in the bar codes.
- Do **not** write outside the box bordering each page.
- Write your answer to each question in the space provided.

**INFORMATION FOR CANDIDATES**

- The number of marks for each question is given in brackets [ ] at the end of each question or part question.
- The Insert contains diagrams for use with questions.
- The total number of marks for this paper is **75**.
- You will be awarded marks for the quality of written communication where an answer requires a piece of extended writing.
- Even where not specifically asked for, credit will be given for sketch maps and diagrams, provided they illustrate your answer.

| FOR EXAMINER'S USE | |
|---|---|
| Qu. | Mark |
| 1 | |
| 2 | |
| 3 | |
| TOTAL | |

This document consists of **8** printed pages and an Insert.

**[Turn over**

**Population**

**1 (a)** Study Fig. 1, which shows the population structure of Zambia in 1980 and 2006.

With reference to Fig. 1, compare the population structure of Zambia in 1980 with that of 2006.

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**(b)** The average life expectancy at birth in Zambia in 2006 was 37 years.

State and explain **one** possible reason for Zambia's low life expectancy.

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**(c)** Study Fig. 2, which shows the crude birth rates of selected countries in 2006.

Suggest **two** reasons why the crude birth rates of LEDCs are higher than those of MEDCs.

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**(d)** With reference to **one or more** examples, explain the causes of international migration.

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[Total: 25]

**[Turn over**

**Rural Settlement**

**2** **(a)** Study Fig. 3, which shows the relationship between total population and total number of shops and services for rural settlements in East Suffolk, 2006.

  **(i)** What is meant by the term 'the range of a good or service'?

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 **(ii)** Describe the relationship shown in Fig. 3.

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 **(iii)** Suggest reasons for this relationship.

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 **(b)** State and explain **two** reasons for counterurbanisation in MEDCs.

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**(c)** Explain the disadvantages that population change can bring to rural areas in MEDCs. Refer to **one or more** examples in your answer.

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[Total: 24]

**[Turn over**

**Urban Settlement**

**3 (a)** What is meant by the term 'urbanisation'?

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**(b)** Study Fig. 4, which shows the population growth of Mexico City, 1905 – 2005.

**(i)** With specific reference to Fig. 4, describe the population growth shown.

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**(ii)** State and explain **two** possible reasons for this population growth.

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**(c)** Population growth presents many problems for urban authorities in LEDCs.

Explain why it is difficult to provide **housing and jobs** in urban areas in LEDCs.

**(i)** Housing ..............................................................................................................................

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**(ii)** Jobs ..................................................................................................................................

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**(d)** State and explain **two** environmental problems arising from urban growth in LEDCs.

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