| Surname |
| :--- |
| Other Names |


| Centre <br> Number |
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| Candidate <br> Number |
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## GCSE

## 4321/02

## HUMANITIES <br> UNIT 1: Patterns and Places

## P.M. THURSDAY, 5 June 2014

1 hour

## Suitable for Modified Language Candidates

|  | For Examiner's use only |  |  |
| :--- | :---: | :---: | :---: |
|  | Question | Maximum <br> Mark | Mark <br> Awarded |
| Section A | 1. | 30 |  |
| Section B | 2. or 3. | 20 |  |
|  | Total | 50 |  |
|  |  |  |  |

## INSTRUCTIONS TO CANDIDATES

Use black ink or black ball-point pen.
Write your name, centre number and candidate number in the spaces at the top of this page.
Answer Question 1 (Section A) and either Question 2 or Question 3 (Section B).
Write your answers in the spaces provided in this booklet. Use supplementary sheets when there is insufficient room in this booklet. Write your name at the top of each supplementary sheet, indicating clearly the number of the question you answer. Put the supplementary sheets inside this booklet.

## INFORMATION FOR CANDIDATES

The number of marks is given in brackets at the end of each question or part-question.
You will be awarded marks for the quality of your written communication.
Your answers must be relevant and must make full use of the information given to be awarded full marks for a question.
You are reminded that you should always support your answers using your knowledge and understanding of the topic chosen.

## PATTERNS AND PLACES

Answer Question 1 (Section A) and either Question 2 or Question 3 (Section B).

## SECTION A

Answer all parts of this question.

## 1. This question is about living in urban areas.

Look at Source A. Answer the question that follows.

## Source A - Air pollution in London 2008


[Source: adapted from The London Plan, GLA (www.london.gov.uk/thelondonplan)]
(a) What does Source A tell you about levels of air pollution in London in 2008?
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Look at Source B. Answer the question that follows.

## Source B - A photograph of an inner city area in the UK


© Pres Panayotov / Shutterstock.com
(c) Explain why the quality of life in inner city areas is often poor.
[4]
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[^1]Look at Source C. Answer the question that follows.

Source C - Rates of Urbanisation 1950-2030
Percentage of population
living in urban areas

[Source: adapted from graph appearing on Population Reference Bureau website (http://www.prb.org/articles/2007/623Urbanization.aspx)]
(e) Explain why there are different rates of urbanisation in LEDCs and MEDCs. Use Source C and your own knowledge in your answer.
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## SECTION B

Answer either Question 2 or Question 3.
2. This question is about the effect of natural disasters and extreme climatic events on people.

Look at Source A. Answer the question that follows.
Source A - The distribution of tropical storms

[Source: adapted from C/E own production]
(a) Use Source A to describe the distribution of tropical storms.
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Look at Source B. Answer the question that follows.

Source B - Hurricane damage in the USA


[^3](b) Describe the impacts of hurricanes on people's lives.
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(c) Explain why it can be difficult to protect people from the effects of hurricanes. Use examples that you have studied in your answer.
(d) 'We cannot predict where or when an earthquake will strike.'

How far do you agree with this statement?
In your answer you may consider:

- how people attempt to predict earthquakes;
- the effectiveness of these predictions.

Conclude your answer by saying how far you agree with the statement.
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If you have answered Question 2 you must not answer Question 3.
3. This question is about climate change.

Look at Source A. Answer the question that follows.
Source A - Map of global carbon dioxide ( $\mathrm{CO}_{2}$ ) emissions

[Source: adapted from map produced by the Centre for Sustainability and the Global Environment (SAGE)]
(a) Use Source A to describe the global pattern of $\mathrm{CO}_{2}$ emissions.
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Look at Source B. Answer the question that follows.

## Source B - Refuelling a hybrid car


(b) Describe how people in the UK might reduce their carbon footprint.
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[^4](d) 'Human activity cannot be the only factor causing climate change.' How far do you agree with this statement?

In your answer you may consider:

- how human activity may cause climate change;
- other factors that may cause the world's climate to change.

Conclude your answer by saying how far you agree with the statement.
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[^0]:    Examiner
    (b) Describe two possible solutions to the problems caused by traffic in large cities.

[^1]:    Examiner
    (d) Describe the advantages and disadvantages of living in the outer suburbs of a major city.

    In your answer you should refer to places you have studied.

[^2]:    (f) 'The best solution to the problem of shanty towns and squatter settlements is for the city authorities to force the people back to rural areas and bulldoze the buildings.' How far do you agree with this statement?

    In your answer you may consider:

    - the difficulties caused by bulldozing shanty towns;
    - what other solutions could be used.

    Conclude your answer by saying how far you agree with the statement.

[^3]:    © Robert A. Mansker / Shutterstock.com

[^4]:    Examiner
    (c) Explain why some people feel that nuclear power is the best way to reduce the UK's $\mathrm{CO}_{2}$ emissions.

