Surname	Centre Number	Candidate Number
Other Names		0



GCSE

4321/02

HUMANITIES UNIT 1: Patterns and Places

P.M. THURSDAY, 16 May 2013

l hour

Questions answered	Examiner's use only
Question 1 (Section A)	30
Question 2 or 3 (Section B)	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).

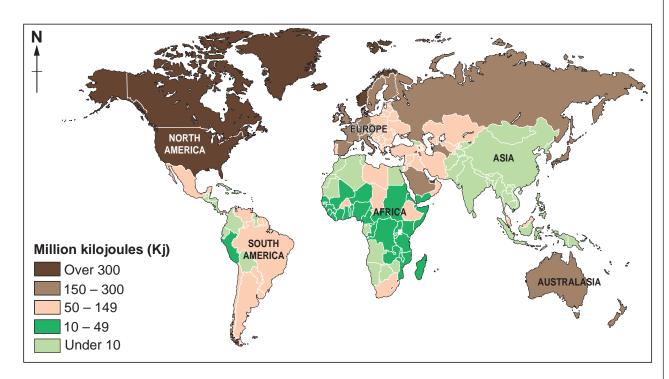
SECTION A

Answer all parts of this question.

1. This question is about climate change.

Look at Source A and answer the question that follows.

Source A – World energy use in 2004

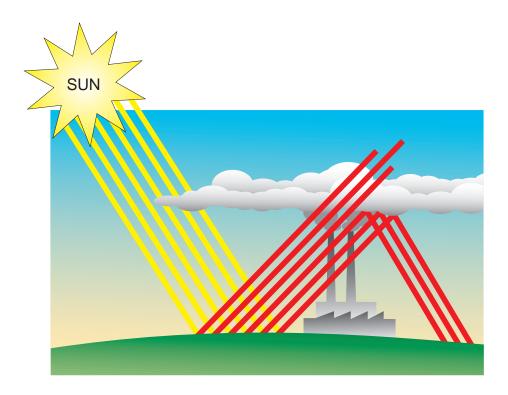


(a)	what does Source A tell you about world energy use?	[2]
•••••		···•
•••••		

(b)	What are fossil fuels? [4]	Examiner only
•••••		
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Look at Source B and answer the question that follows.

Source B – A diagram showing the greenhouse effect



	Explain now burning fossil fuels might cause global warming.	[4]
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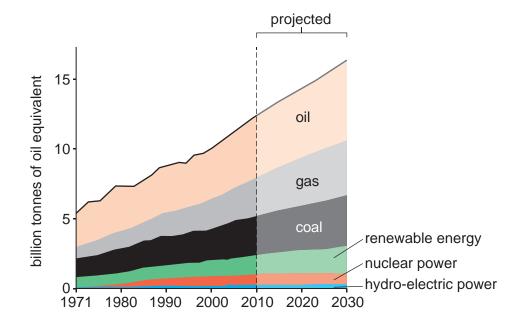
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(d)	Explain why the effects of climate change may be very serious for a less economically developed country (LEDC) such as Bangladesh. [6]	Examiner only
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Look at Source C and answer the question that follows.

Source C – World energy use 1971 - 2030



(e)	Use Source C and your own knowledge to explain why it may be difficult to find solution to the problem of climate change.	ons [6]
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		·····•
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Examiner only

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Examiner only

<i>(f)</i>	'There is very little that individuals or families can do to prevent climate change.' To what extent do you agree with this statement?	[8]
	Give arguments for and against this statement by:	
	describing what individuals or families can do; considering what other actions can be taken. Conclude by saying how far you agree with the statement.	
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END OF SECTION A

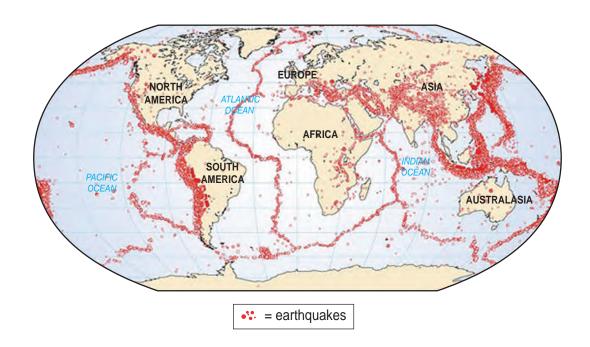
SECTION B

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 and then answer the question that follows.

Source A – Global earthquake distribution



(a)	Use Source A to describe the distribution of earthquakes.	[2]
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Look at Source B and answer the question that follows.

Source B-Buildings damaged by an earthquake in New Zealand 2011



	Describe the effects of earthquakes on people.	[4]
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(c)	Explain the causes of earthquakes. Use examples you have studied to help your answe	er. 6]
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•		•••

Examiner only

(d)	'The only way to protect people from the effects of a hurricane is to evacuate the area.' To what extent do you agree with this statement? [8]	
	Give arguments for and against this statement by:	
	describing the advantages and disadvantages of evacuation; considering other ways to protect people. Conclude by saying how far you agree with the statement.	
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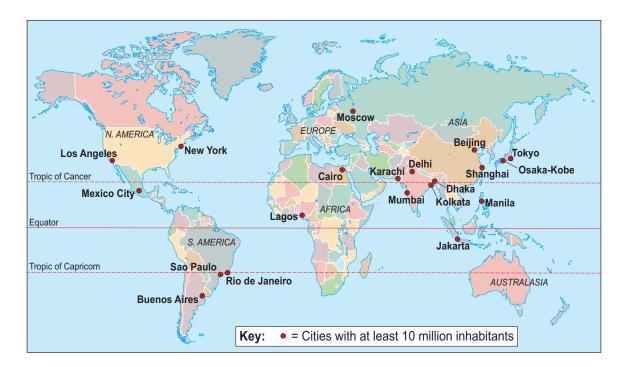
END OF QUESTION 2

If you have answered Question 2 you must not answer Question 3.

3. This question is about patterns of urbanisation around the world.

Look at Source A and answer the question that follows.

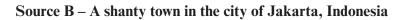
Source A – World megacities



(a)	Describe the distribution of the world's megacities.	[2]
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Look at Source B and answer the questions that follow.





<i>(b)</i>	Describe the problems faced by people living in shanty towns in cities in less economically developed countries (LEDCs). [4]
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•····	

Explain the ways that the quality of life in shanty towns in less economic countries (LEDCs) may be improved. Use examples you have studied answer.	ally developed to help your [6]

	Examine only
[8]	Ciny
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<i>(d)</i>	'Rural areas of the UK offer people a much better quality of life than city living.' To what extent do you agree with this statement?	[8]
	Give arguments for and against this statement by:	
	explaining the reasons why people might move from urban to rural areas; considering the reasons why some people prefer living in cities. Conclude by saying how far you agree with the statement.	
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END OF SECTION B