

Surname	Centre Number	Candidate Number
Other Names		0



GCSE

4321/02

HUMANITIES

UNIT 1: Patterns and Places

P.M. THURSDAY, 16 May 2013

1 hour

Questions answered	Examiner's use only
Question 1 (Section A)	30
Question 2 or 3 (Section B)	20
TOTAL	50

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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).

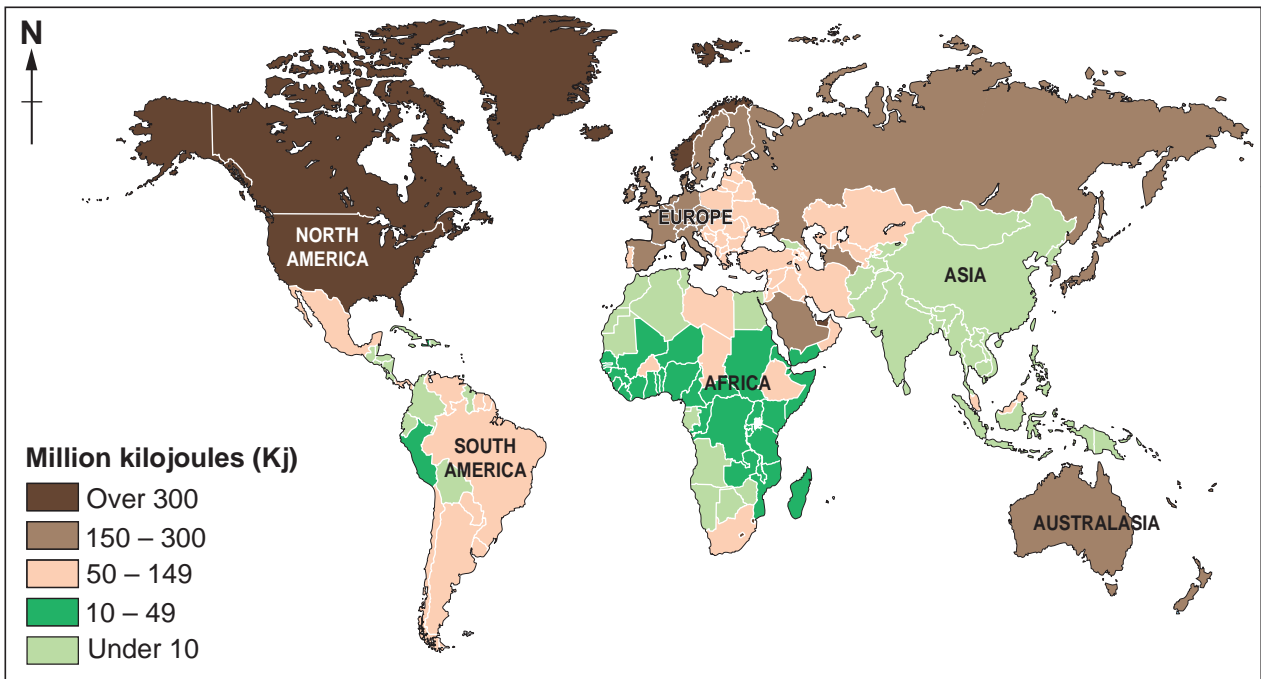
SECTION A

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]

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(b) What are fossil fuels?

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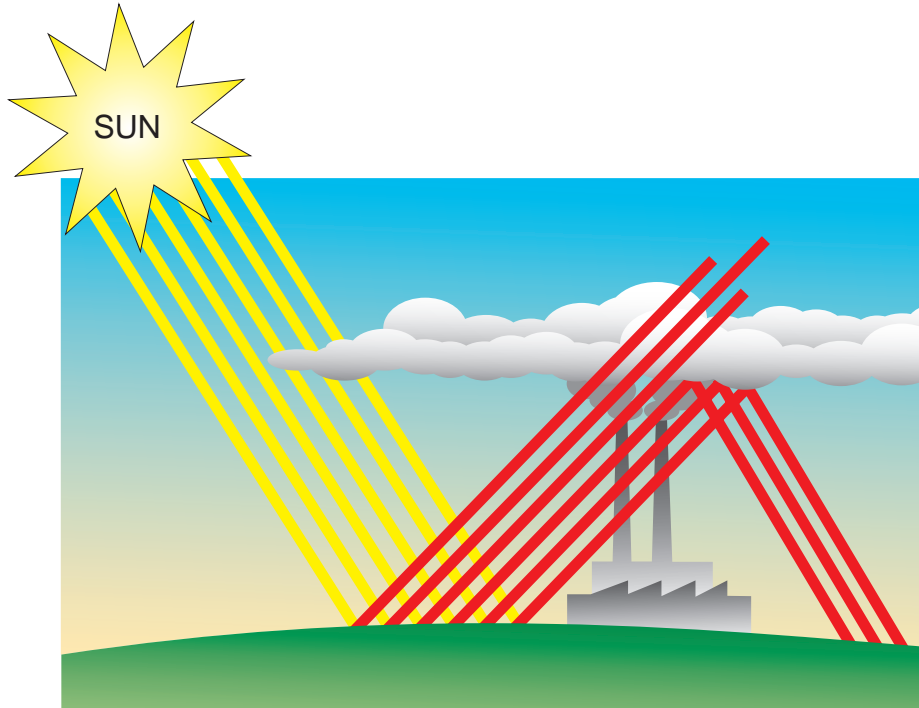
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Look at Source B and answer the question that follows.

Source B – A diagram showing the greenhouse effect



(c) Explain how burning fossil fuels might cause global warming.

[4]

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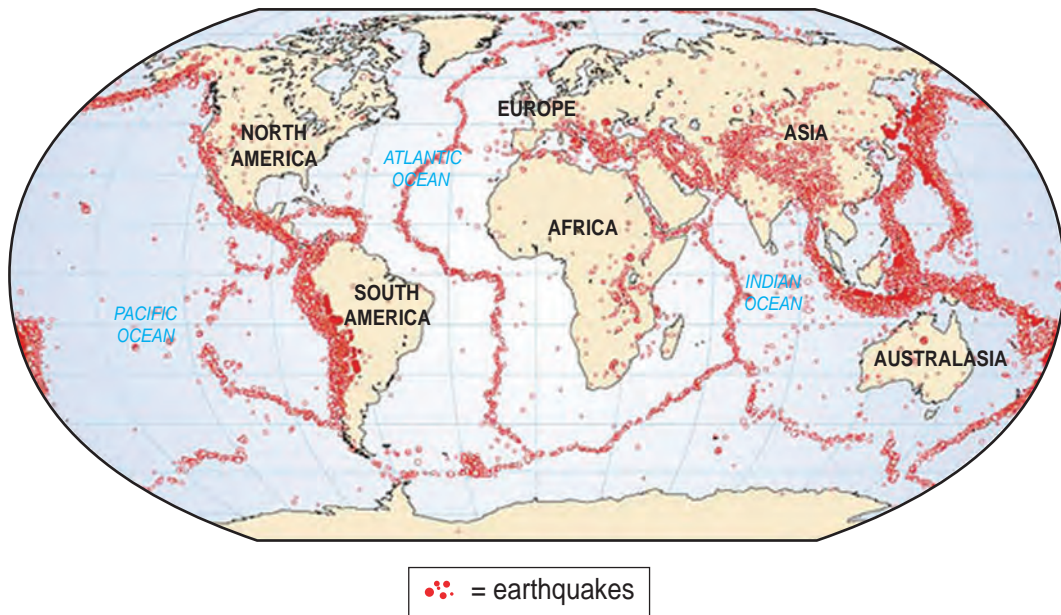
SECTION B

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 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



(b) Describe the effects of earthquakes on people.

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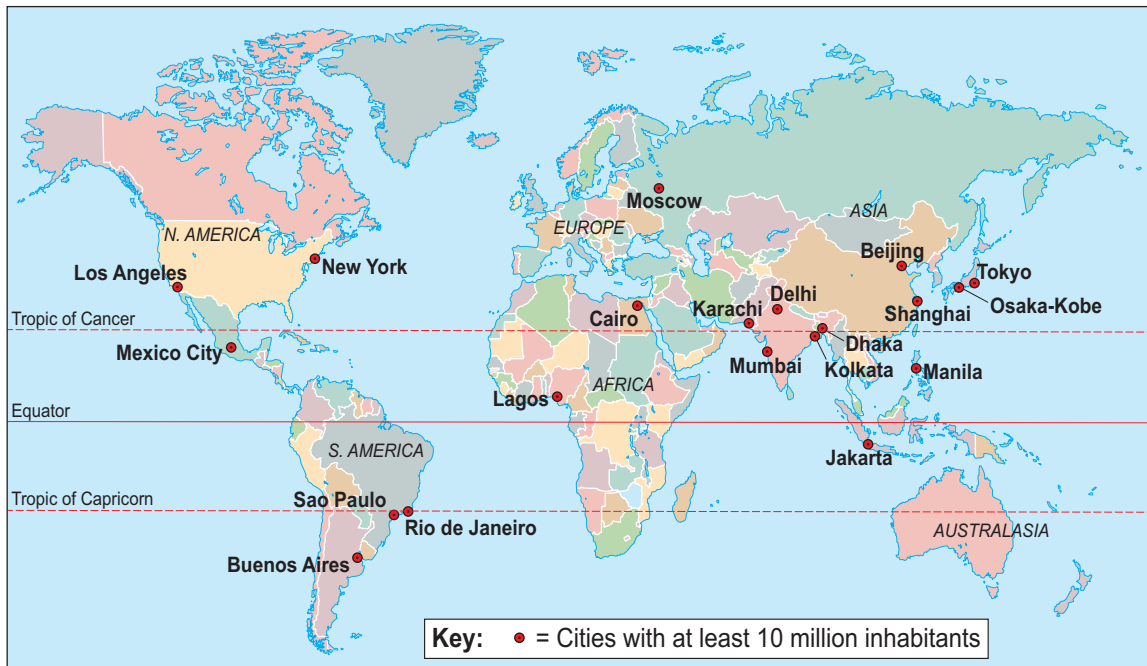
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If you have answered Question 2 you **must not** answer Question 3.

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.

Source B – A shanty town in the city of Jakarta, Indonesia



(b) Describe the problems faced by people living in shanty towns in cities in less economically developed countries (LEDCs). [4]

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