

Surname	Centre Number	Candidate Number
Other Names		0



**GCSE**

4321/01

**HUMANITIES**

**UNIT 1: People and their Environments**

P.M. THURSDAY, 16 May 2013

1 hour

**Suitable for Modified Language Candidates**

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

**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.**

**PEOPLE AND THEIR ENVIRONMENTS**

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

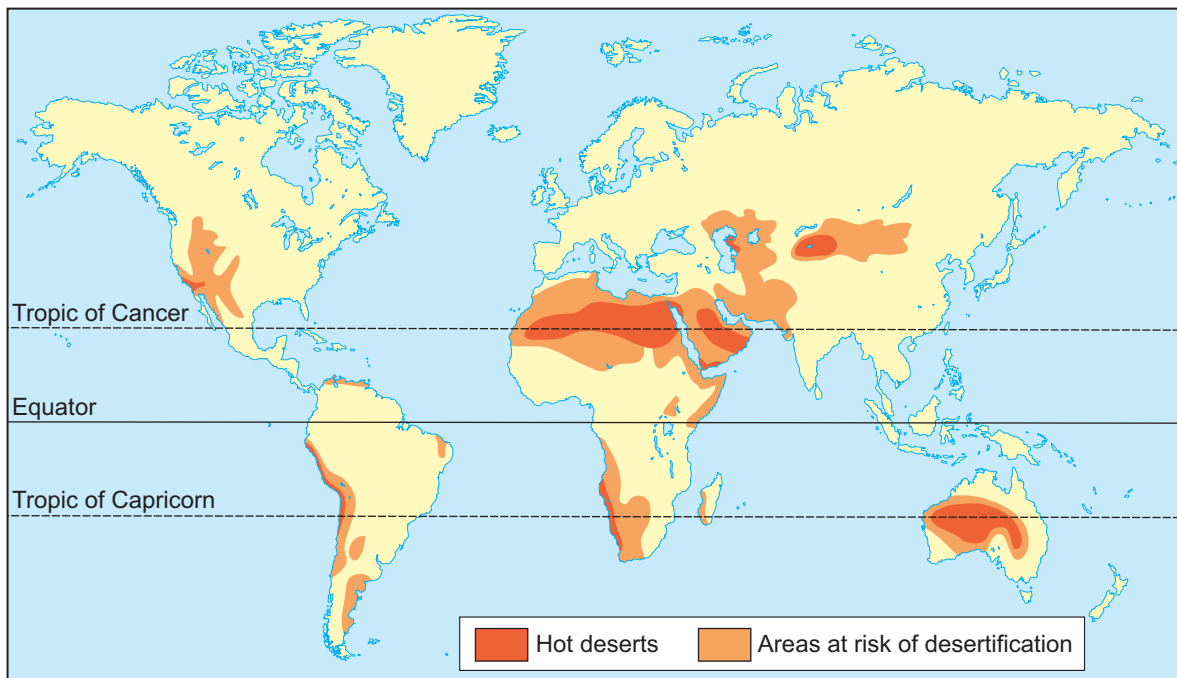
**SECTION A**

*Answer all parts of this question.*

**1. This question is about the pressures of food supply on the global environment.**

Study Source A and then answer the question that follows.

**Source A – Areas at risk of desertification**



(a) Use Source A to describe the location of areas at risk of desertification.

[2]

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(b) How can human activity increase desertification?

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Look at Source B and answer the question that follows.

**Source B – Subsistence farming in Uganda**



© Wayne Hutchinson / Alamy

(c) Describe subsistence farming in LEDCs.

[4]

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(d) How can LEDC farmers benefit from introducing modern farming techniques such as increased mechanisation and irrigation? [6]

Dotted lines for writing answers.

Look at Source C and answer the question that follows.

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**Source C – Combine harvester and tractor with trailer in a barley field**



© Cathy Wright/Alamy

(e) Use Source C and your own knowledge. Describe the impact of the EU on farming in the UK. [6]

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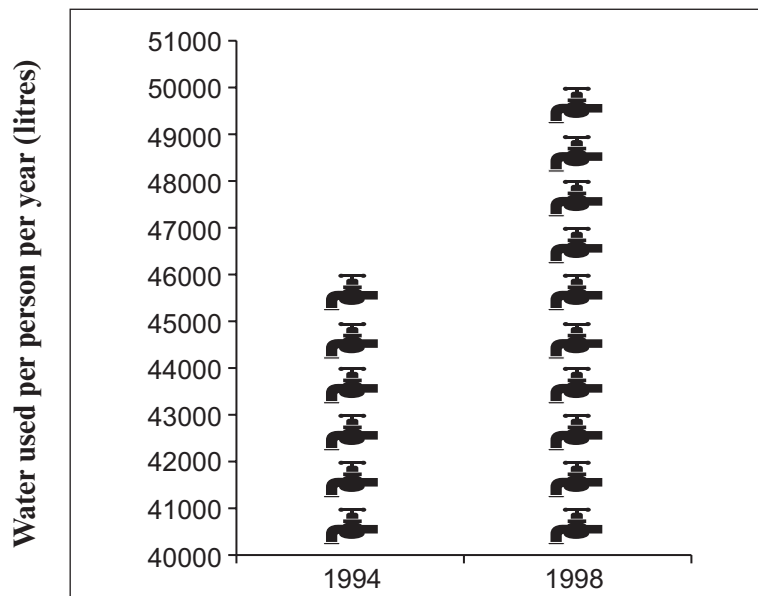
**SECTION B**

*Answer either Question 2 or Question 3.*

**2. This question is about people and their relationship with water resources.**

Study Source A and then answer the question that follows.

**Source A – Changing water use in the Severn Trent Water region**



(a) Use Source A. Describe changing water use in the Severn Trent Water region. [2]

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Look at Source B and answer the question that follows.

**Source B – Water being used in the UK**



© Tom Wood/Alamy

(b) Explain why water use in the UK has changed.

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(c) Explain why flash floods are often the most destructive. Use examples you have studied to help your answer. [6]

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A series of horizontal dotted lines for writing the answer.

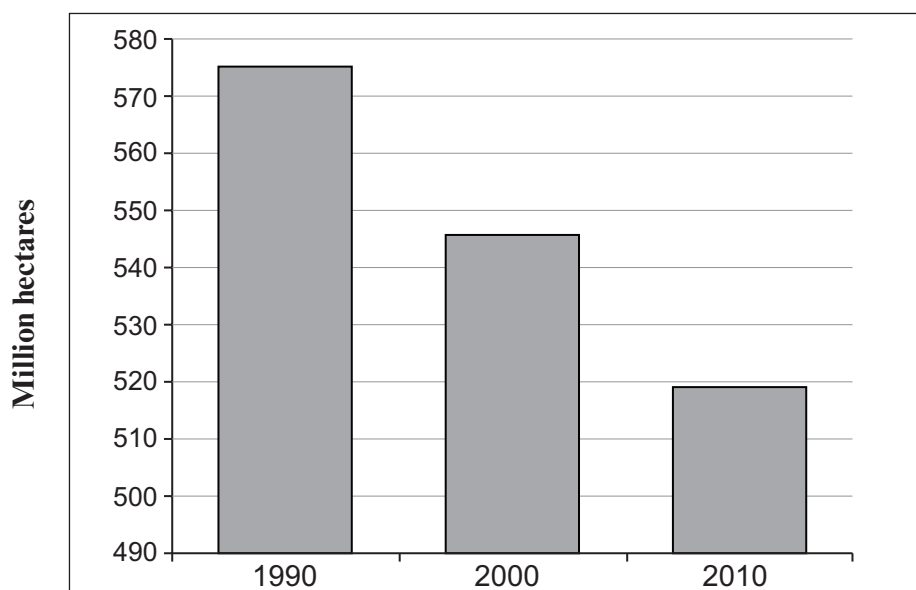


*If you have answered Question 2 you must not answer Question 3.*

**3. This question is about sustainable development of tropical rainforests.**

Study Source A and answer the question that follows.

**Source A – Total amount of tropical rainforest in Brazil**



(a) Use Source A. Describe tropical rainforest destruction in Brazil.

[2]

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Look at Source B and answer the question that follows.

**Source B – Rainforest chemist cartoon**



(b) Explain why tropical rainforests are important.

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(c) Explain the ways tropical rainforest vegetation is adapted to its climate.

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