

Candidate Name	Centre Number	Candidate Number
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**GCSE**

176/01

**HUMANITIES**

**CORE UNIT - GEOGRAPHY**

**PEOPLE AND ENVIRONMENTS**

**PAPER 2**

A.M. THURSDAY, 15 May 2008

1 hour (of a 2 hour examination)

Questions answered	Examiner's use only
Question 1 (Section A)	
Question 2 or 3 (Section B)	
<b>TOTAL</b>	40

**INSTRUCTIONS TO CANDIDATES**

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.**

CORE UNIT – GEOGRAPHY  
PEOPLE AND ENVIRONMENTS

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

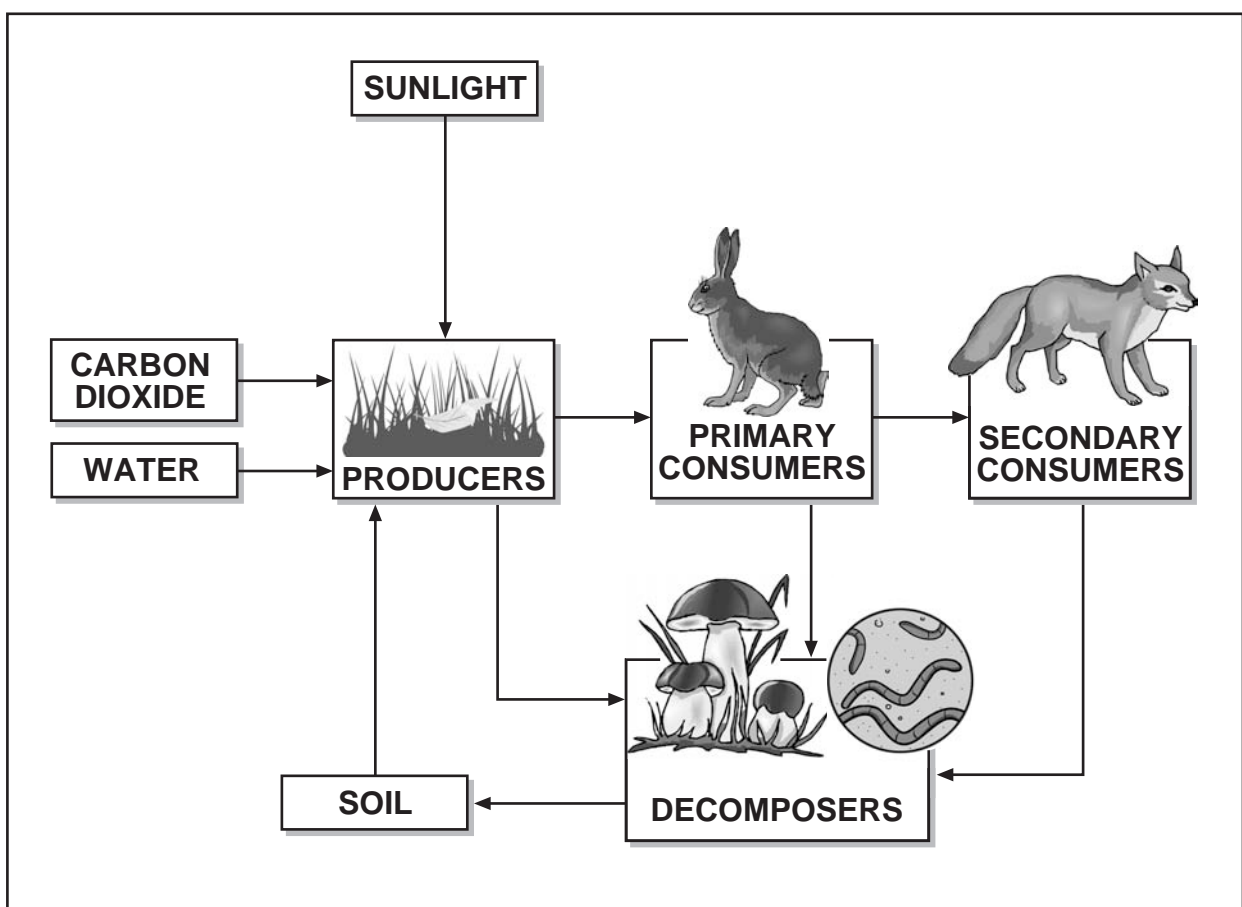
**SECTION A**

*Answer all parts of this question.*

**This question is about the sustainable development of ecosystems.**

1. Study Source A below which shows the food chain within an ecosystem.

**Source A**



- (a) Use Source A to describe the part played by decomposers within an ecosystem. [2]

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(b) Describe the part played by photosynthesis in the working of an ecosystem.

[4]

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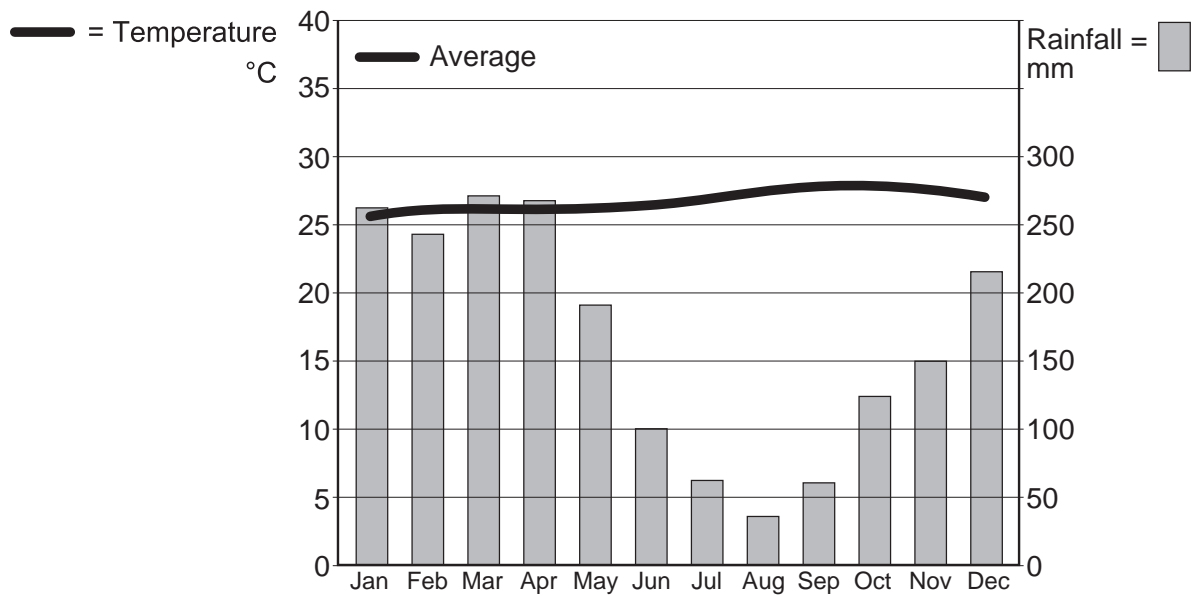
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(c) Study Source B below which shows the climate in an area of tropical rainforest.

Source B



Use Source B to describe the climate of tropical rainforest areas.

[4]

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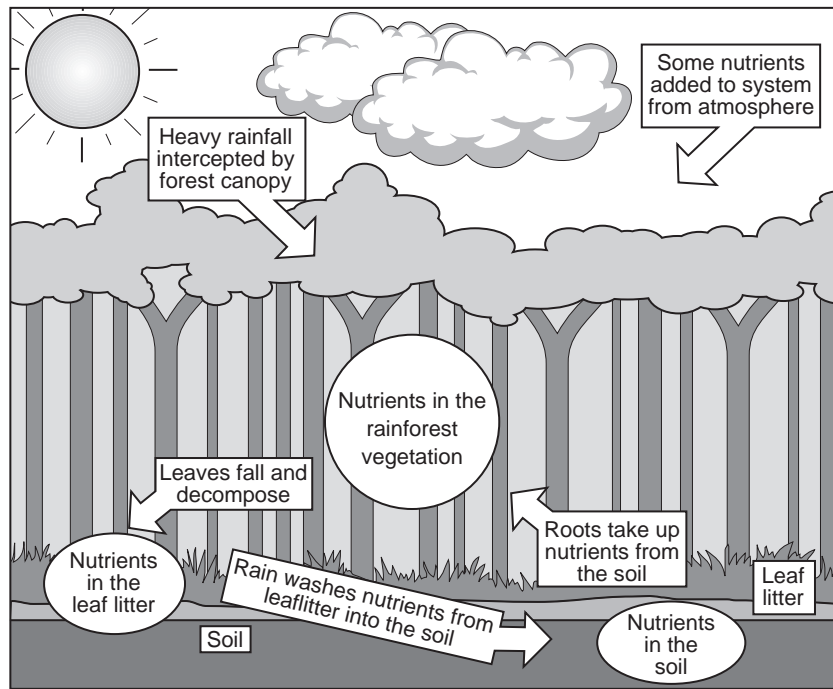
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(d) Study Source C which shows the nutrient cycle in a tropical rainforest.

Source C



Use Source C and your own knowledge to explain what happens when the tropical rainforest is cleared for farming. [6]

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**SECTION B**

*Answer either Question 2 or Question 3.*

**This question is about the management of water resources.**

**2.** Study Source D below which shows a dam and reservoir in Wales.

**Source D**



(a) Describe the disadvantages of building dams and reservoirs in upland areas. [4]

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(b) Explain why urbanisation can increase the risk of flash floods.

[4]

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- (c) Using an example of a water management scheme **from outside the UK** that you have studied, describe the main features of the scheme and outline its benefits and drawbacks. [8]

name of chosen water management scheme:

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main features of the scheme:

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benefits of the scheme:

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drawbacks of the scheme:

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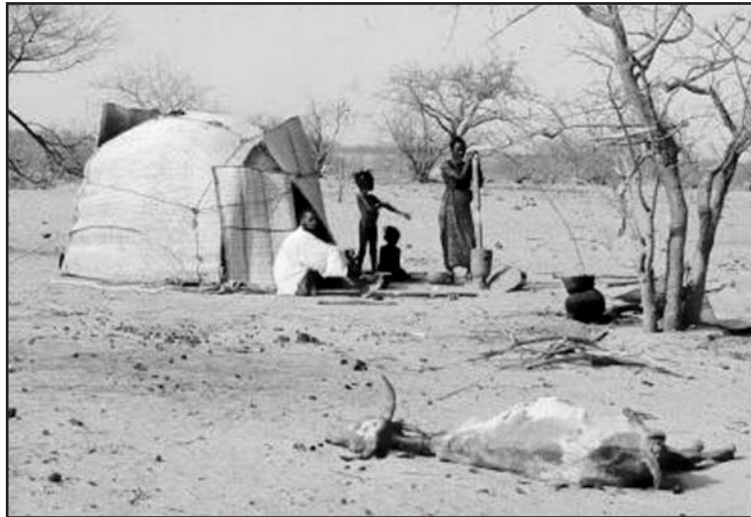
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**This question is about feeding the people of the world.**

**3.** Study Source E below which shows an area of Africa which has been affected by desertification.

**Source E**



(a) Explain the causes of desertification.

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(b) Describe what people can do to try to stop desertification.

[4]

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(c) Organic farming is becoming increasingly popular in the UK.  
Describe what is meant by organic farming and outline the benefits and drawbacks of this type of food production. [8]

describe organic farming:

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**Question (c) continued.**

the benefits of organic farming:

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the drawbacks of organic farming:

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