

Candidate Name	Centre Number	Candidate Number

WELSH JOINT EDUCATION COMMITTEE



CYD-BWYLLGOR ADDYSG CYMRU

General Certificate of Secondary Education

Tystysgrif Gyffredinol Addysg Uwchradd

176/01

HUMANITIES

CORE UNIT - GEOGRAPHY

PEOPLE AND ENVIRONMENTS

PAPER 2

P.M. MONDAY, 21 May 2007

1 hour (of 2 hour examination)

Questions answered	Office use
Question 1 (Section A)	
Question 2 or 3 (Section B)	
TOTAL	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.

You must hand in this answer booklet *separately* at the end of the examination.

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.

No certificate will be awarded to a candidate detected in any unfair practice during the examination.

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.

- 1. Study Source A below which shows the River Lyn in Devon in the UK.

Source A



- (a) Use Source A to describe how the river channel has been altered to protect this town from flooding. [2]

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- (b) Describe other methods that can be used to prevent a river from flooding. [4]

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(c) Study Source B below which shows a newspaper report of a flood event in North Yorkshire.

Source B

Thunderstorms bring flash floods to North Yorkshire



Following the long dry spell, nearly a month's worth of rain fell in just three hours in North Yorkshire last night. This resulted in flash floods that caused tens of millions of pounds of damage, washing away roads and bridges and cutting off villages.

Use Source B to help explain why destructive floods often occur during the summer. [4]

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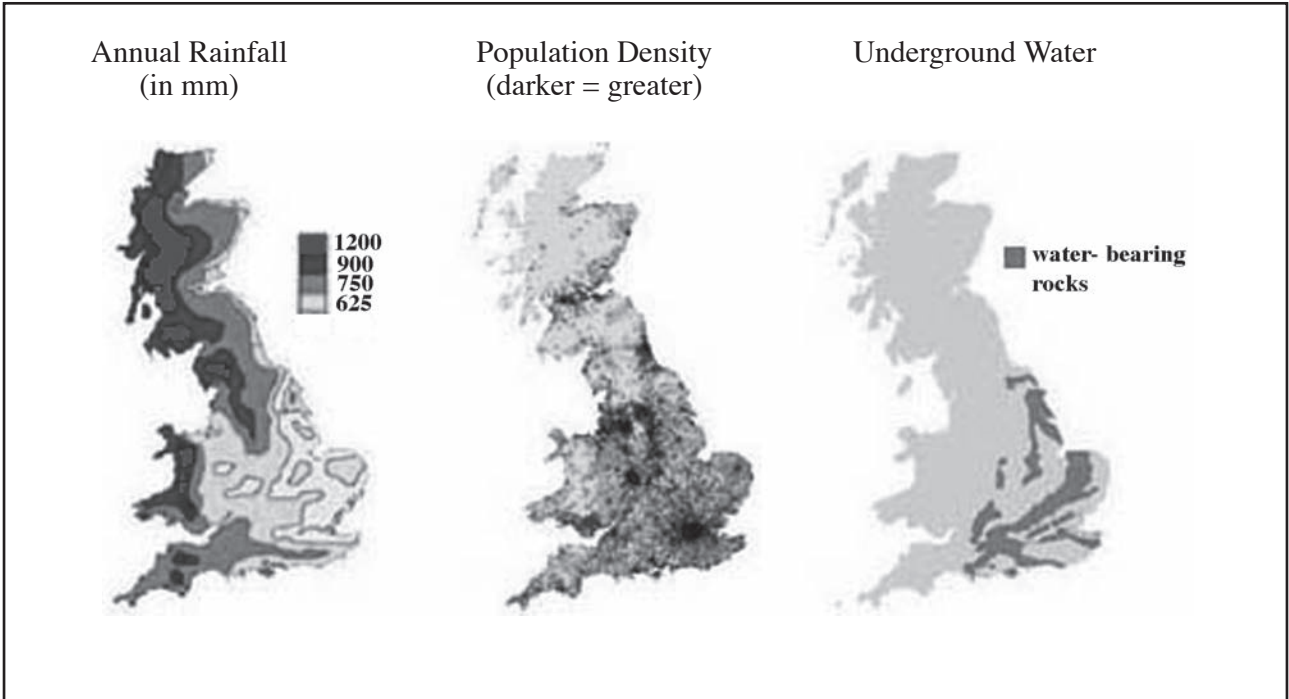
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(d) Study Source C which shows three maps of Great Britain.

Source C



Use Source C to help explain why the water resources of this country must be carefully managed. [6]

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- (e) Using examples you have studied, explain why reservoirs are often built in upland areas **and** why the building of reservoirs can often cause conflict. [8]

Why reservoirs are often built in upland areas:

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Why the building of reservoirs in upland areas may lead to conflict:

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END OF SECTION A

SECTION B

Answer **either** Question 2 or Question 3.

2. Study Source D below which shows an agricultural landscape in the UK.

Source D



- (a) Describe how the agricultural landscape in the UK has changed since 1950. [4]

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(b) Explain why some people feel it is wrong to use artificial fertilisers and pesticides. [4]

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- (c) “During the last fifty years, the use of high yielding varieties of crops and increasing use of machinery has led to a Green Revolution in less economically developed countries (LEDCs).” [8]

Describe the advantages and disadvantages of the Green Revolution in LEDCs.

Advantages of the Green Revolution in LEDCs:

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Disadvantages of the Green Revolution in LEDCs:

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3. Study Source E below which shows an area of tropical rain forest.

Source E



(a) Describe the main features of the tropical rain forest vegetation.

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(b) Explain the advantages of using shifting cultivation in tropical rain forest areas. [4]

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- (c) For a major world ecosystem or biome that you have studied **other than the tropical rain forest**, describe the main features of the vegetation and explain how it has adapted to the climate. [8]

Name of ecosystem or biome:

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Main features of the vegetation:

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How the vegetation has adapted to the climate:

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END OF SECTION B