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FOR WALES



KEY SKILLS COMMUNICATION

Level 3

May 2003

Final Mark Scheme

(as agreed 28 May 2003)

Part A - short-answer questions

| Q1 Using document 1, list four ways in which global warming might affect agriculture. | | | |
|--|--|--------------------------------|----------------|
| Coverage | Marking guide | Marks | Max Marks |
| 3.2.2 | Candidate has identified the main points from document 1, eg a) longer growing season in Britain b) in Africa, growing season for staple crops cut too short c) Mediterranean fringe too dry for cereal crops d) less frost would lead to more insect pests e) disappearance of glaciers and therefore water for crops f) more severe droughts may lead to crop failure g) flooding of coastal areas Accept any other valid point. | 1 mark per point (max 4 marks) | 4 Marks |

| Q2 To what extent do the images used in documents 1 and 2 support the main argument of each text? | | | |
|---|---|--------|----------------|
| Coverage | Marking guide | Marks | Max Marks |
| 3.2.1 | Candidate has selected relevant information from both documents 1 and 2 | 1 mark | |
| 3.2.2 | Candidate has identified a main argument from document 1 eg, a) the intergovernmental panel on climate change states that the Earth is warming faster than at any time in the last 10,000 years b) man is causing this warming c) there are serious consequences to health, climate and agriculture | 1 mark | |
| | Candidate has related the "Global Surface Temperatures" chart to these arguments, showing that the trend from 1980 to 1998 is one of increasing temperature. | 1 mark | |
| 3.2.3 | Candidate has synthesised the information from the text and the chart by considering "To what extent". Synthesis may include: • chart supports the argument strongly given the upward trend • the chart is not very supportive as the year on year changes do not show steady increases • the chart is not very supportive as it only contains data for 19 years | 1 mark | |
| 3.2.2 | Candidate has identified a main argument from document 2 eg d) there will be a high cost to pay for global warming due to the impact it will have on health and the climate. Possible benefits such as more sun, fewer winter deaths, and longer growing seasons do not outweigh the dangers. | 1 mark | |
| | Candidate has related the image of the woman sunbathing to the argument in the text, eg the woman is enjoying the sun. | 1 mark | |
| 3.2.3 | Candidate has synthesised the information from the text and the image by considering "To what extent". Synthesis may include: • the image does not support the main argument as the image suggests that the warming should be welcomed • the image is quite supportive as it highlights the danger of some people seeing the benefits of global warming instead of the dangers | 1 mark | |
| | | | 7 marks |

Q3 In your own words, explain how effectively Document 3 challenges the arguments presented in Document 1 about the causes and effects of global warming. In your answer you should refer to causes as well as effects, considering four of the arguments highlighted in the documents.

| Coverage | Marking guide | Marks | Max Marks |
|----------|--|---|----------------|
| 3.2.2 | <p>The candidate has identified the arguments in Document 1 regarding the causes and effects of global warming.</p> <p>Causes of global warming - burning fossil fuels, cutting down forests, making changes in agriculture</p> <p>Effects of global warming - increase in disease, flooding, drought</p> <p>Accept any other cause and effect</p> | 1 mark for identification of both a cause and an effect | |
| 3.2.3 | <p>The candidate has synthesised the information from Document 3 to compare the strengths and weaknesses of the arguments in Document 1.</p> <p>The candidate explains clearly and coherently how effectively the arguments in Document 3 challenge those in Document 1.</p> | <p>1 mark for each argument considered (max 4 marks)</p> <p>Up to 3 marks</p> | |
| | | | 8 marks |

Q4 Using the arguments and information from **two** of the documents, explain in your own words the health problems which global warming may produce.

| Coverage | Marking guide | Marks | Max Marks |
|----------|--|------------------------------------|-----------|
| 3.2.1 | Candidate has selected relevant arguments and information from a minimum of two documents. | 1 mark | |
| 3.2.3 | <p>Candidate has used the key information to explain effectively the health problems which global warming may produce.</p> <p>NB Marks should not be awarded if the candidate has simply listed the points rather than using them in their explanation.</p> <p>The explanation is clearly and coherently presented in the candidate's own words.</p> | <p>Up to 4 marks</p> <p>1 mark</p> | |
| | | | |

Total for Part A: 25

Part B - extended-answer question

Q5 You are a member of an environmental pressure group which is concerned about the effects of global warming. You have been asked to write a letter to you local Member of Parliament expressing the concerns of the group. In your letter you should:

- summarise the evidence for global warming;
- describe the possible causes of global warming;
- describe the potential dangers of global warming;
- explain what could be done to prevent or slow down global warming.

You should base your arguments on the information contained in documents 1-3.

The name and address of your local MP is Joshua Carter, House of Commons, Westminster, London SW1A 2TT

The name and address of your pressure group is One World, Ivy House, 32 High St, Petersfield, Hants, GU17 2DP

| Coverage | Marking guide | Marks | Max Marks |
|----------|---|--|-----------------|
| 3.3.1 | <ul style="list-style-type: none"> • The candidate has selected an appropriate form for presenting the information ie a formal letter comprising sender and recipient addresses, date, salutation, close • The candidate has used an appropriate structure to organise the information clearly eg paragraphs • The candidate has used an appropriate tone ie sufficiently formal and persuasive for the intended audience - MP | <p>1 mark</p> <p>1 mark</p> <p>1 mark</p> | 3 marks |
| 3.3.2 | <p>Candidate has used their own words to construct coherent arguments, demonstrating an understanding of the key issues. ie</p> <ul style="list-style-type: none"> • Evidence for global warming, eg views of scientists; temperature rising; climate changes. • Possible causes, eg Increasing emissions of greenhouse gases due to burning of fossil fuels such as coal and oil; cutting down forests; changes to agriculture; natural causes. • Potential dangers, eg Disruptive weather; impact on agriculture; health risks. • How to prevent/slow down, eg International agreement to prevent escalation; more unanimity amongst politicians. Reduce greenhouse gas emissions. <p>The candidate has used specialist vocabulary appropriately e.g. global warming, greenhouse gases, fossil fuel, use of statistics</p> | <p>Up to 3 marks</p> <p>Up to 3 marks</p> <p>Up to 3 marks</p> <p>Up to 2 marks</p> <p>Up to 2 marks</p> | 13 marks |

| | | | |
|-------|--|-----------|--|
| 3.3.3 | <p>Band 1</p> <p>The candidate spells, punctuates and uses grammar with reasonable accuracy eg</p> <ul style="list-style-type: none"> • the spelling of simple words is usually accurate • full stops and capital letters are accurately used to demarcate sentences. Commas in lists are used accurately. • there may be some grammatical errors, eg confusion of pronouns, tense and some lack of cohesion. | 1-3 marks | |
| | <p>Band 2</p> <p>The candidate spells, punctuates and uses grammar with considerable accuracy eg</p> <ul style="list-style-type: none"> • the spelling of words with complex regular patterns is usually accurate • a range of punctuation including commas, apostrophes and inverted commas is used correctly including to mark sentences and clauses • the work is mostly grammatically accurate showing that the candidate can construct complex sentences accurately, use pronouns so that their meaning is clear, makes accurate subject/verb agreement and uses tenses accurately and consistently, although there may be occasional errors of sentence separation. | 4-7 marks | |
| | <p>Band 3</p> <p>The candidate spells, punctuates and uses the rules of grammar with almost faultless accuracy eg</p> <ul style="list-style-type: none"> • virtually all spelling, including that of irregular words is usually correct. Any errors stand out as untypical or 'one-off' slips • punctuation is accurate and is used to vary pace, clarify meaning, avoid ambiguity and create deliberate effects • grammar is accurate and gives appropriate variation in sentence structure. | 8-9 marks | |

Total for Part B: 25

TOTAL MARKS FOR TEST: 50

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