

Tuesday 18 June 2013 – Afternoon

GCSE GEOGRAPHY A

A674/02 Issues in our Fast Changing World (Higher Tier)

Candidates answer on the Question Paper.

OCR supplied materials:

None

Other materials required:

- Resource Booklet (A674/01/02/RB – previously supplied)

Duration: 1 hour



Candidate forename		Candidate surname	
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Centre number						Candidate number				
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INSTRUCTIONS TO CANDIDATES

- Write your name, centre number and candidate number in the boxes above. Please write clearly and in capital letters.
- Use black ink. HB pencil may be used for graphs and diagrams only.
- Answer **all** the questions.
- Read each question carefully. Make sure you know what you have to do before starting your answer.
- Write your answer to each question in the space provided. If additional space is required, you should use the lined pages at the end of this booklet. The question number(s) must be clearly shown.
- Do **not** write in the bar codes.

INFORMATION FOR CANDIDATES

- The number of marks is given in brackets [] at the end of each question or part question.
- The total number of marks for this paper is **50**.
- You will be awarded marks in questions 2(d), 3(b) and 3(c) for the quality of written communication of your answer.
- This document consists of **12** pages. Any blank pages are indicated.

1 (a) Study Resource 1.

(i) Explain how **one** piece of information shows that the Earth's climate is changing.

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..... [2]

(ii) Why might global warming continue to increase?

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..... [2]

(b) Study Resource 2.

(i) Describe the **natural** greenhouse effect.

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..... [4]

(ii) Suggest how human activity may be creating an **enhanced** greenhouse effect.

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..... [3]

2 (a) Study Resource 3.

In 2006 the Intergovernmental Panel on Climate Change (IPCC) confirmed that global warming was taking place.

What information from the timeline suggests they were correct?

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(b) Study Resource 4.

Explain in your own words how changes in the Earth's climate can be due to natural causes.

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..... [4]

3 (a) Study Resource 9.

Resource 9 shows two different types of responses to the impacts of climate change.

(i) Choose **one** way in which people may adapt to the impact of climate change.

Explain how this may help deal with the effects of climate change.

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..... [2]

(ii) Choose **one** action to mitigate against climate change.

Explain how this may help reduce the rate of climate change.

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..... [2]

(iii) Suggest why it may be easier for people and governments in MEDCs to respond to the consequences of climate change than it is in LEDCs.

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..... [4]

ADDITIONAL ANSWER SPACE

If additional answer space is required, you should use the following lined page(s). The question number(s) must be clearly shown in the margins.

A large area of lined paper for writing answers. It features a vertical margin line on the left side and horizontal dotted lines for writing. The lines are evenly spaced and extend across the width of the page.

A blank sheet of lined paper with a vertical margin line on the left and horizontal ruling lines. The page is otherwise empty.

A large rectangular area with a solid vertical line on the left side and horizontal dotted lines across the rest of the page, intended for writing answers.



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