**Economics Coursework**

**Global warming and its effect on different economies and societies**

**Overall marks : 150**

**Overview of coursework**

This coursework will assess your skills to research, describe, analyse and evaluate the issues of global warming. You should restrict your study to the last ten years. You will be assessed on these skills and your coursework will be marked and your grades will be recorded. There is no word limit and you should cover all the issues outlined in the table below. Include any relevant material in the appendix.

**Aim of coursework:**

To understand global warming and how it impacts on developed and developing countries.

**Initial Research and article reviews**

The following links are articles, videos and audios related to global warming. After viewing the videos and listening to the audios, you will need to summarise the main points discussed and include them in your coursework. For the articles, you will need to print them; summarise and include them in your coursework. You may research for any other relevant articles and reviews and include them as well.

**** BBC Climate Connection Series esp. ‘What’s Stopping Us?’ (Audio 26 mins) www.bbc.co.uk/worldservice/specialreports/the\_climate\_connection.shtml and ‘The Selfish Ape’ (Audio 28 mins) www.bbc.co.uk/programmes/p00c1sw6

**** Kenyan farmer’s perspective on changes in the environment: http://www.bbc.co.uk/worldservice/science/2010/11/101130\_climate\_kenya\_farmer\_video.shtml

**** Climate change: www.guardian.co.uk/environment/2008/jul/03/carbonemissions.climatechange

http://www.guardian.co.uk/environment/2011

http://www.guardian.co.uk/search?q=climate+change

* Fossil fuels and climate change: http://www.guardian.co.uk/environment/2011/nov/09/fossil-fuel-infrastructure-climatechange? newsfeed=true
* Transport and climate change:

http://www.foe.co.uk/resource/briefings/fueltaxnovember2011.pdf

* Production of palm oil and deforestation: http://www.worldwatch.org/node/6059
* Other Relevant articles

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**Structure of coursework**

|  |  |
| --- | --- |
| Issues for | Amplification |
| investigation |  |

1. **Definition** of global Students should give a brief definition of global warming.warming

|  |  |  |  |
| --- | --- | --- | --- |
|  |  | **Define global warming (2 marks)** | **Total : 2 marks** |
| 2 | **Causes** of global | Students should explain how human activities lead to global warming and |
|  | warming | climate change such as : |  |
|  |  | **** | Industrial activity (3 marks) |  |
|  |  | **** | Transport | (3 marks) |  |
|  |  | **** | Farming | (3 marks) |  |
|  |  | **** | Energy production (3 marks) |  |
|  |  | **** Other relevant answer (3 marks) |  |
|  |  | Students do not need to know the science behind global warming. |
|  |  |  |  |  | **Total : 15 marks** |
| 3 | **Economic effects** of | Students should explain the effects of global warming on **developing** and |
|  | global warming | **developed** countries such as: |  |

* + Loss of farmland (3 marks)
	+ More severe weather including flood damage and drought (3 marks)
	+ Lost output (3 marks)
	+ Need for international aid (3 marks)
	+ Rising sea levels (3 marks)
	+ Population displacement (3 marks)
	+ Famine (3 marks)
	+ Other relevant answer (3 marks)

**Global warming has had many effects on developing and developed countries. Which effect do you think is the most damaging in the long term? Give reasons for your answer (14 marks)**

**Total : 38 marks**

1. **Possible solutions**  Students should explain the possible solutions to global warming such as :

warming

* + Reducing carbon dioxide levels (3 marks)
	+ Taxing the use of fossil fuels (3 marks)
	+ Carbon trading (3 marks)
	+ Pollution permits (3 marks)
	+ Subsidising and promoting the development and use of renewable resources. (3 marks)
	+ Encouraging the use of alternative energy sources. (3 marks)
	+ Other relevant answer (3 marks)

What will be the likely private and external costs and benefits of these measures?

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  |  |  |  |
|  |  |  | **(6) Discuss two different methods of dealing with global warming and** |  |
|  |  |  | **recommend which one of these methods would be most effective in a** |
|  |  |  | **developed country like Canada, the UK or Japan. (14 marks)** |
|  |  |  | **(7) Discuss two different methods of dealing with global warming and** |
|  |  |  | **recommend which one of these methods would be most effective in a** |
|  |  |  | **developing country like Kenya. (14 marks)** |
|  |  |  | **Total : 49 marks** |
| 5 | Ethical issues | (8) Students should explain the ethical issues such as: |
|  |  | relating to global |  |  |
|  |  | warming | **** Global warming has been largely caused by developed countries while |
|  |  |  | the direct consequences have been suffered largely by developing |
|  |  |  | countries that are now under the pressure to reduce their pollution (4 |
|  |  |  | marks) |
|  |  |  | **** Conflict between economic growth and sustainability (4 marks) |
|  |  |  | **** Difficulties faced in getting countries to tackle global warming. (4 |
|  |  |  | marks) |
|  |  |  | **(9) Discuss who has the responsibilities for dealing with global warming,** |
|  |  |  | **developing or developed countries? Explain your answer. (14 marks)** |
|  |  |  | **Total : 26 marks** |

General Resources

* CIA World Factbook: www.cia.gov
* Bized virtual developing country: www.bized.co.uk/virtual/dc
* New Economics Foundation: www.neweconomics.org esp. ‘Africa Up in Smoke’ publication by the Working Group on Climate Change and Development at: www.neweconomics.org/publications/africasmoke
* International Institute for Environment and Development: www.iied.org/
* Friends of the Earth: www.foe.co.uk
* World Wildlife Fund: www.wwf.org
* One World: uk.oneworld.net
* Cafod www.cafod.org.uk
* World Health Organisation: www.who.int/en
* Economics and Business Education Association teaching resources: www.ebea.org.uk
* Tutor2u revision presentations and notes, blogs, quizzes etc: www.tutor2u.net

GCSE Economics Coursework 2012-2013

Assessment Objectives

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Level** | **Descriptor** | **Marks** | **Assessment objective** |  |
| **L3** | **Analysis using the context** | **6-5** | **AO3** |  |
| **L2** | **Explanation** | **4-3** | **AO2** |  |
| **L1** | **Knowledge** | **2-1** | **AO1** |  |
| **L0** | **No valid response** | **0** |  |

In addition,(and separately) award marks for evaluation using the grid on the next page . Note:AO3 also assesses candidates’ quality of written communication. When deciding on the level to be awarded, consider the degree to which the candidate orders and communicates his/her ideas.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Level** | **Descriptor** | **Marks** | **Assessment objective** |  |
| **E3** | **Candidate offers judgment with clear justification.** | **8-7** |  |  |
|  | **Ideas are communicated with a clear structure and** |  |  |  |
|  | **use of technical terms.** |  |  |  |
|  |  |  |  |  |
| **E2** | **Candidate offers judgment with some justification.** | **6-4** |  |  |
|  | **Ideas are communicated using a logical structure,** |  |  |  |
|  | **with some appropriate use of technical terms. There** |  |  |  |
|  | **are** |  | **AO3 and Quality of written** |  |
|  | **occasional errors in accepted conventions of written** |  |  |
|  | **communication.** |  | **communication** |  |
|  |  |  |  |  |
| **E1** | **Candidate offers judgment with an attempt at** | **3-1** |  |  |
|  | **justification.** |  |  |  |
|  | **Ideas are communicated with some structure, with** |  |  |  |
|  | **occasional use of technical terms. There are** |  |  |  |
|  | **noticeable errors in accepted conventions of written** |  |  |  |
|  | **communication.** |  |  |  |
|  |  |  |  |  |
| **E0** | **No valid response** | **0** |  |  |

Checklist

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| --- | --- | --- | --- | --- |
| Question | Complete |  | Marks/Grade | Deadline |
| Research |  |  | /20 | 29 | May 2012 |
| 1 |  |  | /2 | 01 | June 2012 |
| 2 |  |  | /15 | 15 | June 2012 |
| 3 |  |  | /24 | 15 | June 2012 |
| 4 |  |  | /14 | 22 | June 2012 |
| 5 |  |  | /21 | 22 | June 2012 |
| 6 |  |  | /14 | 29 | June 2012 |
| 7 |  |  | /14 | 29 | June 2012 |
| 8 |  |  | /12 | 06 | July 2012 |
| 9 |  |  | /14 | 13 | July 2012 |
| Total |  |  | 150 |  |  |
| Presentation (20 July) |  |  |  |
| Groups |  | Topics covered |  |  |
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