



Economic – Environmental Impact
Geography past Exam Questions
Higher Level

2013

Section 2 – Q8 B

B. Environmental Impact

Examine the environmental impact of burning fossil fuels.

[30m]

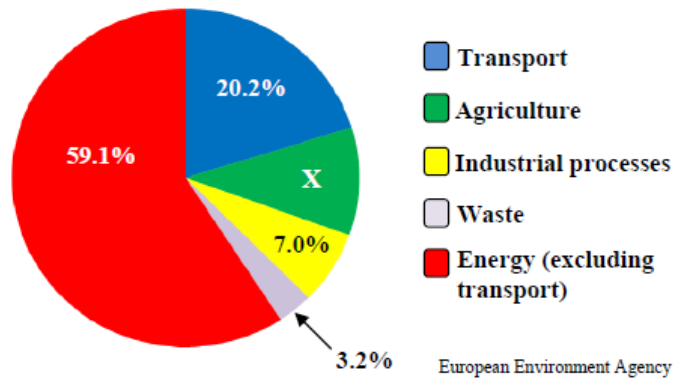
Section 2 – Q7 A

A. Greenhouse Effect

Total CO ₂ (Greenhouse Gas) Emissions, 2009	
Region	CO ₂ Emissions (million metric tons)
Africa	1,056
North America	6,954
Middle East	1,505
Asia and Oceania	11,219
Central & South America	1,384
Europe	4,720
Total	26,838

SAGE

Greenhouse Gas Emissions by Source Sector in Europe in 2009



European Environment Agency

Examine the information above and answer the following questions.

- (i) Which region had the highest CO₂ (greenhouse gas) emissions and which region had the lowest CO₂ (greenhouse gas) emissions in 2009?
- (ii) Calculate X, the percentage of greenhouse gas emissions generated by agriculture in Europe in 2009.
- (iii) Briefly explain **one** reason why Energy (excluding transport) was the sector which produced the highest percentage of greenhouse gas emissions in Europe in 2009.
- (iv) Name **two** greenhouse gases other than CO₂.
- (v) State **two** ways the greenhouse effect impacts on agriculture.

[20m]

Q9 C

C. Conflict of Interest

Examine how conflict may develop between economic interests and environmental interests, with reference to example(s) that you have studied.

[30m]

2011

Section 2 – Q8 C

C. Environmental Impact

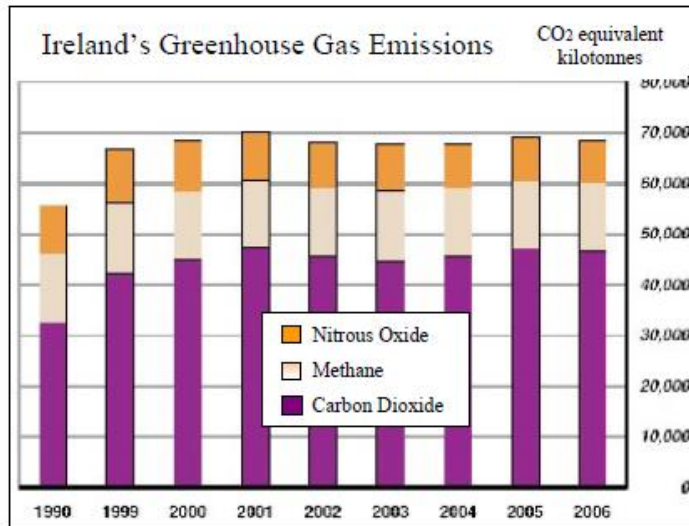
Pollution does not recognise boundaries and therefore can impact on the environment locally, nationally or internationally.

Examine the above statement with reference to example(s) that you have studied.

[30m]

Section 2 Q7 A

A. Environmental Impact



Examine the graph above and answer the following questions in your answer book:

- (i) Which Greenhouse gas makes up most of Ireland's gas emissions?
- (ii) In which year did Ireland emit 70,000 kilotonnes of greenhouse gas emissions?
- (iii) What was the trend in Ireland's emissions between 1990 and 2001?
- (iv) Explain **one** reason why Ireland should reduce its Greenhouse gas emissions.

[20m]

Q8 C

Conflicts of Interest

Examine how conflict can arise between local interests and global interests when a resource is exploited for economic reasons.

In your answer refer to an example of such conflict that you have studied.

[30m]

2009

Section 2 – Q8 C

C. ENVIRONMENTAL IMPACT

Describe and explain the impact of the burning of fossil fuels on the environment.

[30m]

Q9 B

B. ECONOMIC AND ENVIRONMENTAL INTERESTS

Conflict may develop between economic interests and environmental interests. Examine this conflict with reference to **one** example you have studied.

[30m]

2008

Section 2 – Q8 C

C. SUSTAINABLE DEVELOPMENT

Examine, with reference to an example/examples you have studied, the importance of ensuring that development is environmentally sustainable.

[30m]

Q9 C

C. GLOBAL ENERGY CONSUMPTION

Examine the economic **and** environmental significance of current major trends in global energy consumption.

[30m]

2007

Section 2 – Q7 C

C LOCAL & GLOBAL INTERESTS

Examine, with reference to examples you have studied, how conflict often occurs between the need to exploit natural resources and the need to protect the environment.

[30m]

2006

Section 2 – Q8 B

B LOCAL AND GLOBAL INTERESTS

With reference to **one** example you have studied, examine how conflicts may develop between local and global interests where economic and environmental issues are concerned. **[30m]**

Q9 C

C FOSSIL FUELS

Examine the economic **and** environmental impact of our world's continued reliance on fossil fuels. **[30m]**