

AQA, OCR, Edexcel

GCSE Science

GCSE Chemistry

**Greenhouse Gases
Questions**

M M E

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Total Marks: /31

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Greenhouse gases

Q1: Why are greenhouse gases essential to life?

(1 mark)

Q2: Give three examples of greenhouse gases?

(3 marks)

Human activities and the greenhouse effect

Q3: List two human activities that increase the levels of methane and of carbon dioxide.

Methane:

Carbon dioxide:

(4 marks)

Q4: What will be the impact of climate change on weather patterns?

(2 marks)

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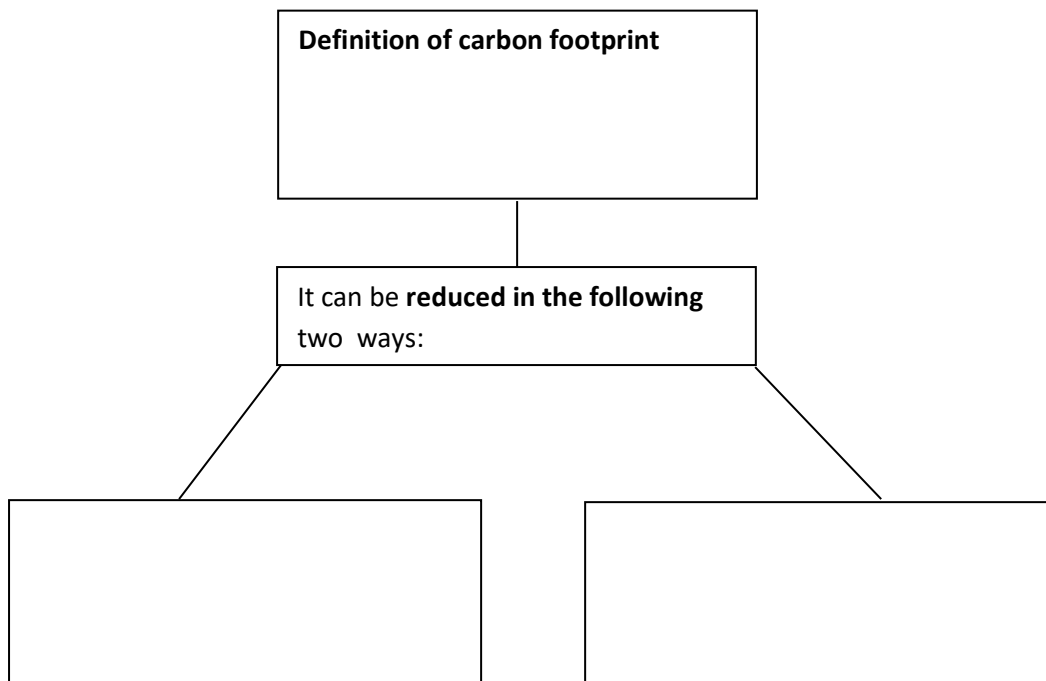
Q5: Explain the problems with developing models on climate change.

(4 marks)

Q6: Describe four potential effects of global climate change.

(4 marks)

Q7: Complete the diagram to define carbon foot print.



(4 marks)

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Q8: Which elements do most fuels contain?

(3 marks)

Q9: What gases are released into the atmosphere when a fuel is burned?

(4 marks)

Q10: Other than gases, what else may be released from burning fuels?

(2 marks)

Q11: Match up the atmospheric pollutant with its effects.

Carbon monoxide

Sulphur dioxide

Particulates

Global dimming and health problems for humans.

Respiratory problems in humans and can cause acid rain.

Colourless and odourless and so is not easily detected.