

**AQA, OCR, Edexcel**

# GCSE Science

## GCSE Biology

### Air Pollution Questions

Name:

**M M E**

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Total Marks: /20

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Q1: What is the main source of air pollution?

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(1 mark)

Q2: Explain what acid rain is.

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(2 marks)

Q3: Describe the effects of acid rain in ecosystems.

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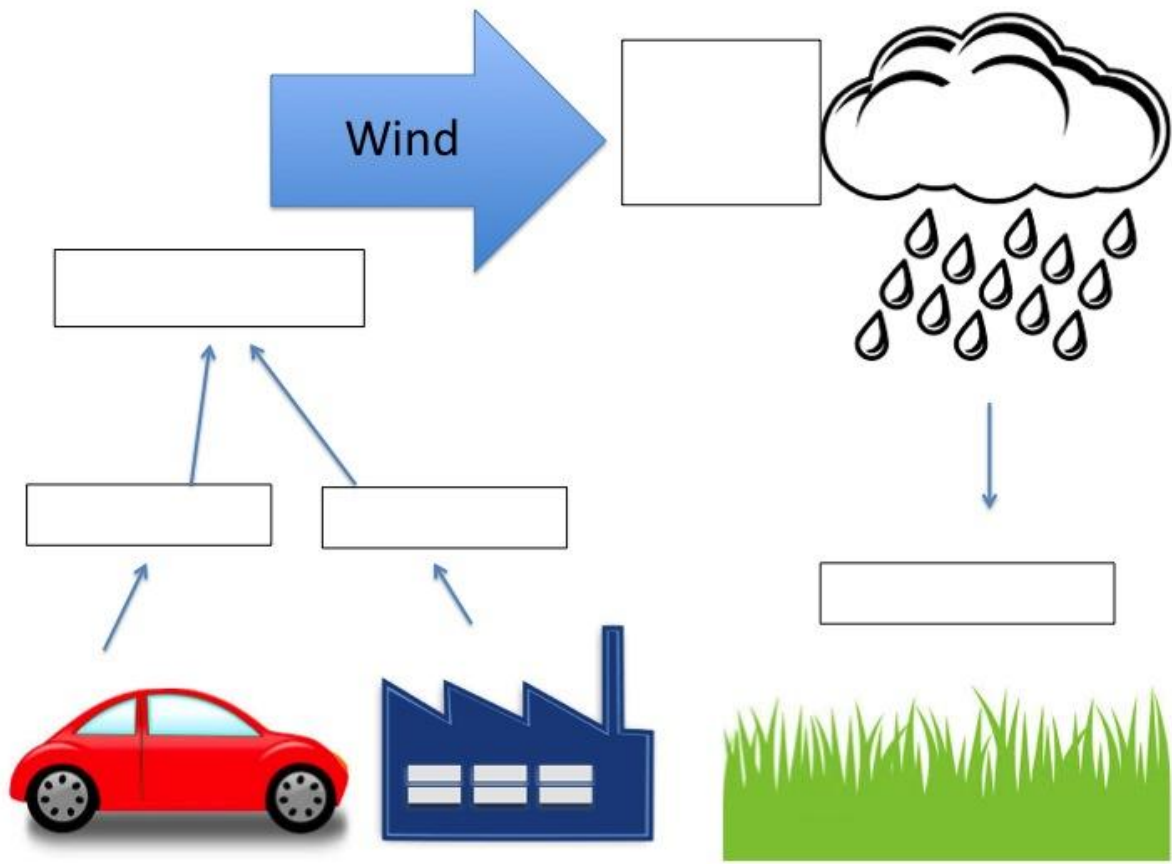
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(2 marks)

Q4: Fill in the missing labels in the following diagram to show the process of acid rain.



(5 marks)

Q5: What is the role of the catalytic converter in a car?

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(1 mark)

Q6: Power stations are trying to reduce their pollution levels. The polluting gasses are 'scrubbed' before leaving the chimneys. What is the main product removed that industries can go on to use?

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(1 mark)

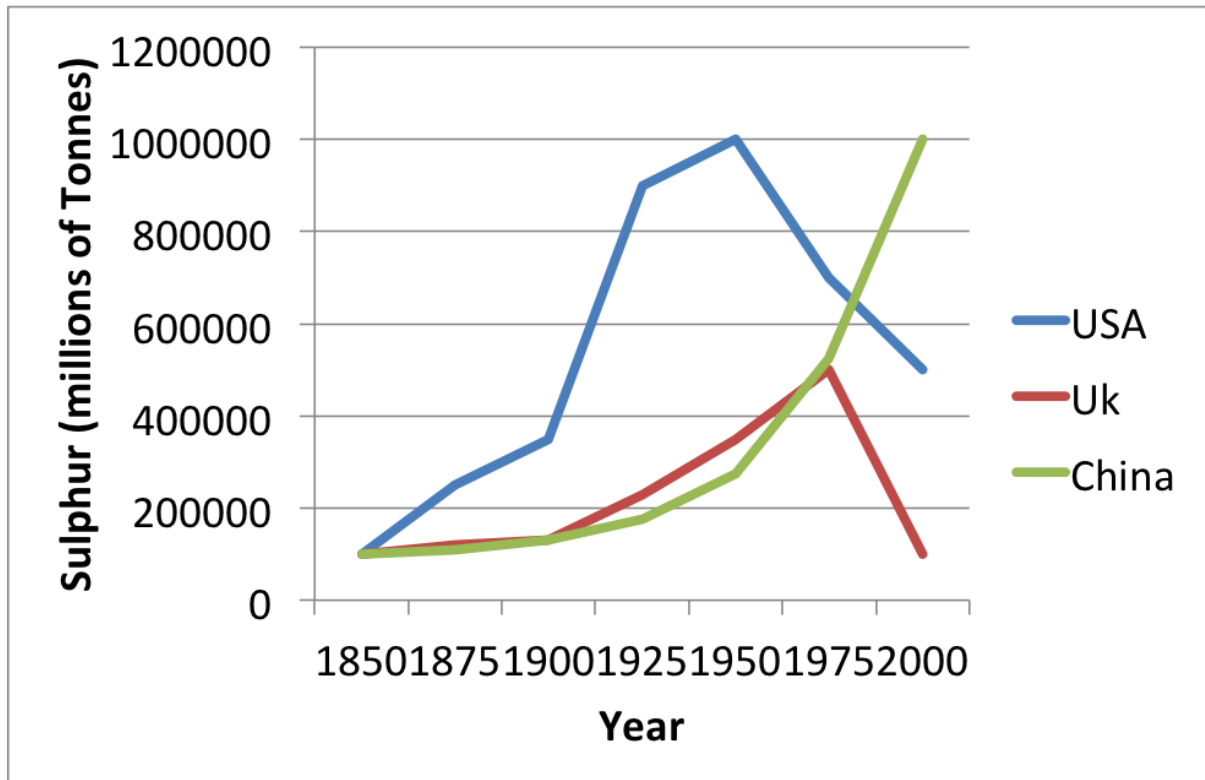
Q7: Why are biofuels less polluting to the air than fossil fuels?

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(1 mark)

Q8: i) Using the graph below which country has made the most improvement?

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(1 mark)

ii) Which country has dramatically increased their sulphur emissions?

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(1 mark)

iii) Give one possible reason for the increase seen in the sulphur emissions for china?

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(1 mark)

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Q9: What can the dimming effect cause and why?

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(2 marks)

Q10: Explain what the term smog means?

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(1 mark)

Q11: How has Beijing tried to combat the smog levels in the city?

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(1 mark)