

## **IGCSE Biology (9-1) Specification 4(d)**

### **(d) Human influences on the environment**

#### **Students should:**

- 4.12** understand the biological consequences of pollution of air by sulfur dioxide and carbon monoxide
- 4.13** understand that water vapour, carbon dioxide, nitrous oxide, methane and CFCs are greenhouse gases
- 4.14** understand how human activities contribute to greenhouse gases
- 4.15** understand how an increase in greenhouse gases results in an enhanced greenhouse effect and that this may lead to global warming and its consequences
- 4.16** understand the biological consequences of pollution of water by sewage
- 4.17** understand the biological consequences of eutrophication caused by leached minerals from fertiliser
- 4.18B** understand the effects of deforestation, including leaching, soil erosion, disturbance of evapotranspiration and the carbon cycle, and the balance of atmospheric gases

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