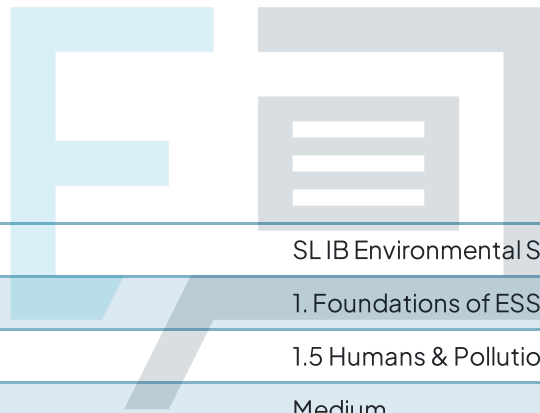




1.5 Humans & Pollution

Question Paper



Course	SL IB Environmental Systems & Societies (ESS)
Section	1. Foundations of ESS
Topic	1.5 Humans & Pollution
Difficulty	Medium

Exam Papers Practice

To be used by all students preparing for
SL IB Environmental Systems & Societies (ESS)
Students of other boards may also find this useful

Question 1a

Define the term *pollution*.

[2 marks]

Question 1b

List **two** unnatural or human sources of particulate pollution and **two** natural sources of particulate pollution.

[4 marks]



Question 2a

Distinguish between point source and non-point source pollution.

[2 marks]

Question 2b

Identify one potential point source and one potential non-point source of nutrient pollution causing eutrophication in a lake.

[2 marks]

Question 3a

Identify four factors that contribute to the controversial nature of using the insecticide DDT.

[4 marks]

Question 3b

Using examples, explain the difference between primary and secondary pollution.

[2 marks]



Exam Papers Practice

Question 4a

Complete the table below to outline **three** possible strategies for reducing the impacts of eutrophication (i.e. **one** strategy for each stage of pollution management).

Stage of Pollution Management	General Description	Strategy for Reducing Impacts of Eutrophication
1	Change the human activity responsible for the initial production of pollutant(s)
2	Regulate and reduce the quantities of pollutant(s) released at the point of emission
3	Clean up the pollutant(s) and restore the ecosystem after pollution has occurred

[3 marks]

Question 4b

Complete the table below to outline **three** possible strategies for reducing the impacts of ozone-depleting substances (i.e. **one** strategy for each stage of pollution management).

Stage of Pollution Management	General Description	Strategy for Reducing Impacts of Ozone Depleting Substances (ODSs)
1	Manage the human activity producing the pollutant(s)
2	Manage the release of the pollutant(s)
3	Manage the long-term impact of the pollutant(s) on the ecosystem

[3 marks]