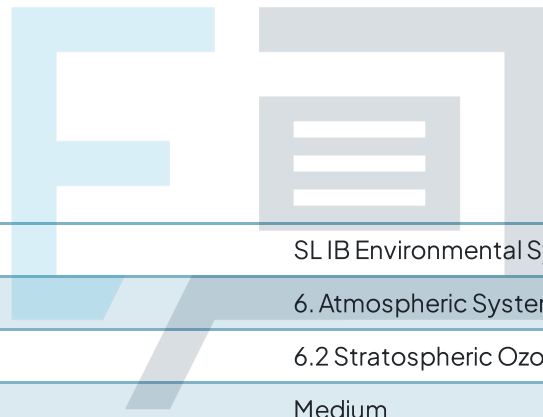




6.2 Stratospheric Ozone

Question Paper



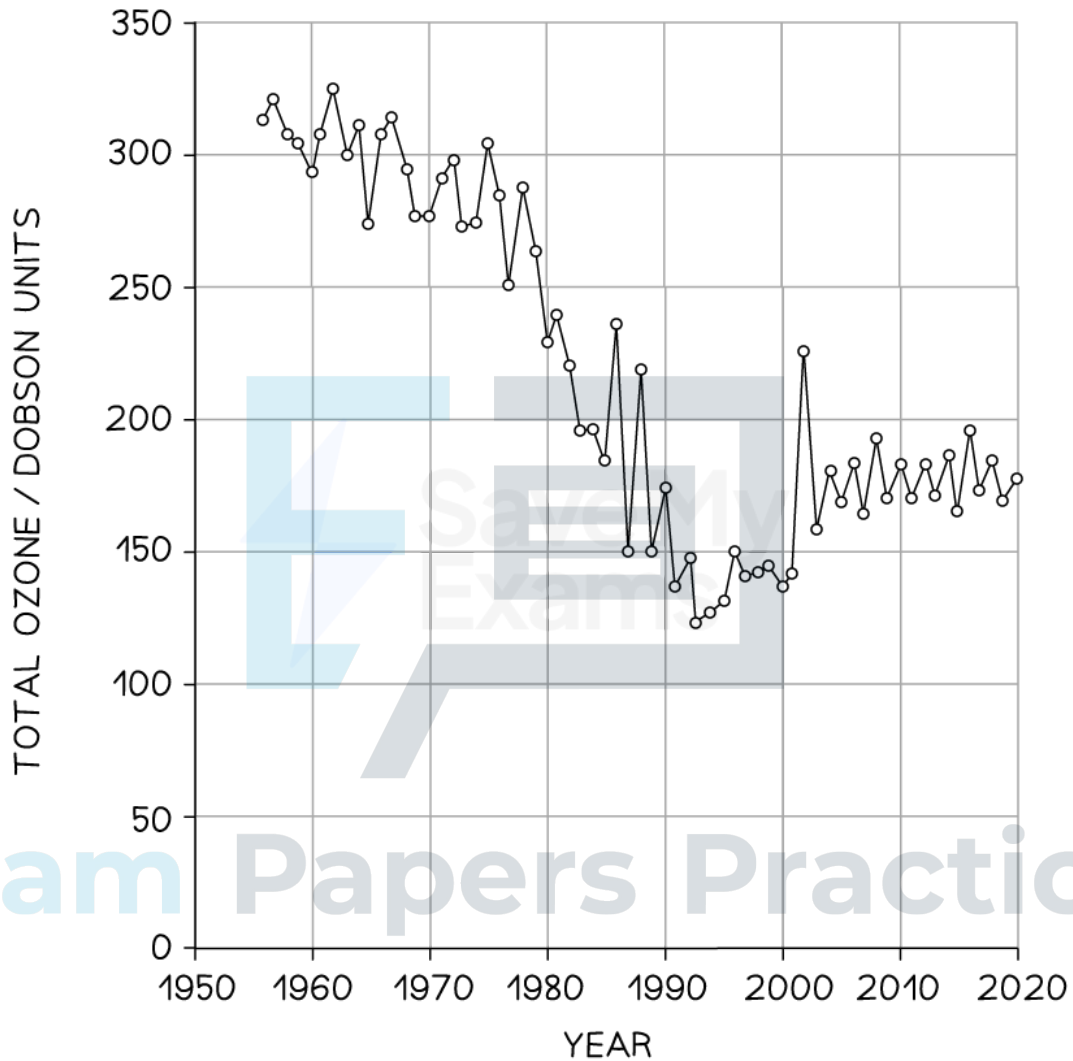
Course	SL IB Environmental Systems & Societies (ESS)
Section	6. Atmospheric Systems & Societies
Topic	6.2 Stratospheric Ozone
Difficulty	Medium

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 1

For years, scientists have been engaging in discussions regarding the "ozone hole" located in the upper atmosphere over the Antarctic region. The graph below shows the changes in the ozone concentration at Halley Bay in the Antarctic since 1955. (A Dobson unit is a measure of the total amount of ozone in the atmosphere at a particular place.)



Describe the trend in ozone levels shown in the graph above.

[4 marks]

Question 2

Outline the potential effects of ozone depletion on living systems.

[4 marks]



Question 3

Depletion of the ozone layer is an example of positive feedback.

Explain how.

Exam Papers Practice [5 marks]

Question 4

Outline **two** methods for reducing the manufacture and release of ozone-depleting substances, as part of pollution management to mitigate ozone depletion.

[4 marks]



Exam Papers Practice