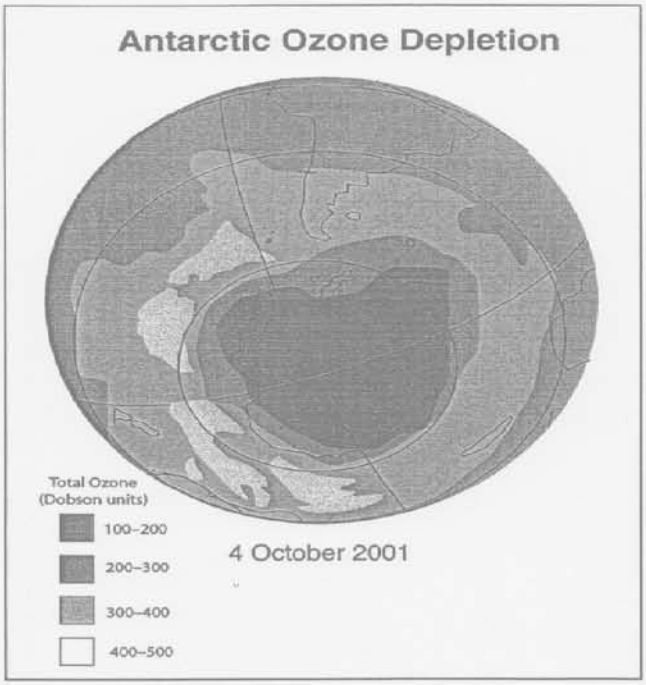
(b) The map shows an area where stratospheric ozone concentrations are lower than normal.



Source: adapted from NOAA (*www.noaa.gov*)

(b) (i) Describe how human activities cause ozone depletion.

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(4 marks)

(b) (ii) Explain why there is concern over ozone depletion.

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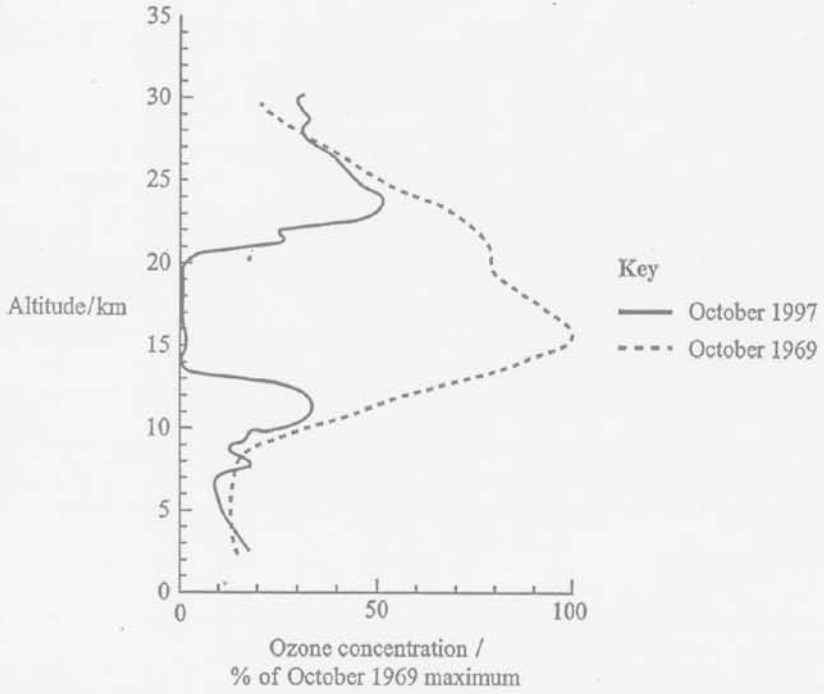
(2 marks)

The graph shows the concentration of ozone in the atmosphere over Antarctica on two different days.



(a) Use the graph to compare the trends in ozone concentration in October 1969 and October 1997.

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(3 marks)

(b) Suggest how a reduction in stratospheric ozone may be harmful to life on Earth.

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(2 marks)

(c) Describe the methods used to reduce the problem of ozone depletion.

Quality of Written Communication will be assessed in this answer.

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