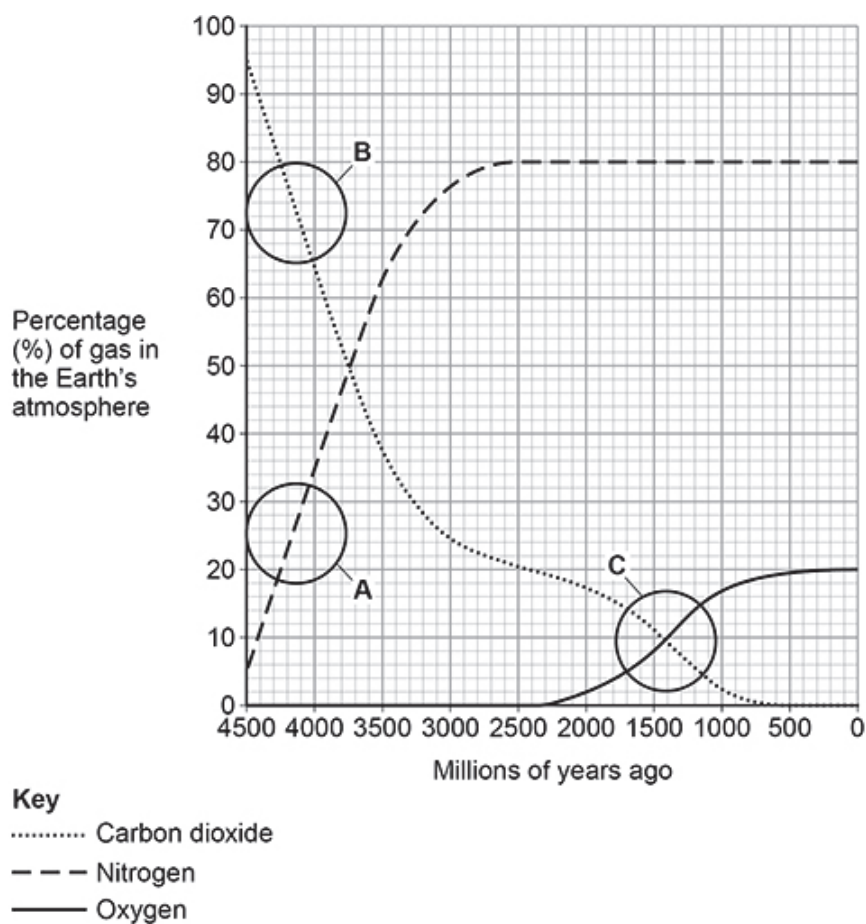


All questions are for both separate science and combined science students

Q1.

This question is about the chemistry of the Earth's atmosphere.

The figure below shows how the percentages of gases in the Earth's atmosphere may have changed since the atmosphere was formed.



- (a) Explain the change in the percentage of gas in the region labelled **A** on the figure above.

(2)

- (b) Explain the change in the percentage of gas in the region labelled **B** on the figure above.

(2)

- (c) Compare the changes in the percentages of gases in the region labelled **C** on the figure above.

(2)

- (d) What process caused the changes in the percentages of gases in the region labelled **C** on the figure above?

(1)

- (e) Natural gas is a fossil fuel.

Describe how deposits of natural gas were formed.

(3)

(Total 10 marks)