Name: _____

AP* Environmental Science: Period:_____

Directions: Answer the question; the suggested time is about 22 minutes for answering this question. Write all your answers on the lines following the question and not on a separate piece of paper. Where calculations are required, clearly show how you arrived at your answer. Where explanation or discussion is required, support your answers with relevant information and/or specific examples.

In recent years, results from scientific studies have increased public awareness of the possible damage to human health from exposure to indoor air pollution.

(a) Identify two specific indoor air pollutants and, for each, discuss the following.

(i) The type of building most affected by the pollutant

(ii) Source(s) of the pollutant

(iii) The pollutant's effects on human health

(iv) The method(s) of prevention or cleanup of the pollutant

(b) According to the Environmental Protection Agency, at least 17 percent of the four million commercial buildings in the United States can be considered "sick buildings".

(i) Explain what is meant by the term "sick building".

(ii) Describe the criteria used for determining whether a building is "sick".

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AP* Environmental Science

Period:_____

Name: _____

AP* Environmental Science

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