

2001 AP® ENVIRONMENTAL SCIENCE FREE-RESPONSE QUESTIONS

3. 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."