

Name:	Class/ Section: 12 ES	Date:
Chapter: 9 Environmental Health	Lesson: 9.1 An Overview of Environmental Health	Textbook p.: 261 -266
Graded Classwork		____/25

9.2 Biological and Social Hazards

Infectious Disease

For Questions 1–7, complete each statement by writing in the correct word or words.

- Infectious diseases are caused by pathogens, which are _____ hazards.
- Pathogens spread through the human population by humans, water or food, or by _____.
- Globally, infectious diseases are the _____ cause of deaths annually.
- Organisms such as ticks and mosquitoes serve as _____ for infectious diseases by carrying pathogens.
- People who are infected with tuberculosis release bacteria-laden droplets into the _____ when they cough, sneeze, speak, and spit.
- Developed nations greatly reduce the risk of infectious diseases through the use of _____ treatment facilities that treat sewage to reduce the incidences of diseases such as cholera.
- The bacterium that causes cholera is a _____ pathogen.

Emerging Diseases

True / False

- _____ 9 An emerging disease is a disease that appears for the first time or has existed for a while and is increasing slowly around the world.
- _____ 10 A pandemic is an outbreak of a disease that becomes widespread and affects a whole region or even the entire world.
- _____ 11 The Zika virus is an example of an emerging disease.
- _____ 12 Some diseases, such as tuberculosis, are becoming resistant to pathogens due to natural selection.
- _____ 13 In the United States, the WHO is the primary national center for responding to emerging diseases.
- _____ 14 If global temperatures fall, tropical diseases will expand into new, formerly cool areas.

15 Why are emerging diseases a cause for concern?

16 Explain how climate change may encourage an increase in the spread of disease.

17 Why is it important that international and local government agencies work together to control the spread of emerging diseases?

18 Describe ways that the **CDC** has helped contain the spread of the **Zika** virus.

Social Hazards

19 Name three examples of social hazards.

20 Explain how cigarette smoke can be a hazard to someone even if he or she does not smoke.

21 Describe how the choices you make concerning what you eat can increase or reduce the social hazards you face.
