

Exploring Infectious Diseases Assessments

The following set of assessments includes questions that can be given for homework or as quizzes depending upon how much and in what depth the material in the four modules your students have been given the opportunity to learn. Answers provided are in *italics*.

Module 1

Module 1 assessments consist of two open response question.

1. Choose two from the following eight epidemics, pandemics or outbreaks, and describe how each infectious agent spreads, and the social conditions that promoted its spread.

Be specific.

- a. Black Death 1347
- b. Spanish flu influenza 1918
- c. Smallpox 1775-1782
- d. Cholera; 1852-1860
- e. HIV/AIDS 1960-present
- f. SARS 2003
- g. Zika 2014-present.

Answers may be found in Module 1, Activity 2, Timeline.

2. What are two ways bacteria and viruses are similar? Different?

Similar

- *Are microorganisms*
- *Require a host*
- *Are communicable*
- *Result in symptoms of disease*
- *Elicit a cell-mediated and or humoral immune response*
- *Disrupt host functions*

Different

- *Viruses can have either DNA or RNA as the genetic material; bacteria have only DNA*
- *Viruses use host cellular machinery to reproduce*
- *Bacteria live outside host cells*
- *Bacteria can produce toxins and other substances*
- *Viruses are considered nonliving, bacteria are living*