1. Which of the following microorganisms is most likely to be associated in dental caries?
   a. *Staphylococcus aureus*
   b. *Staphylococcus epidermidis*
   c. *Streptococcus mutans*
   d. *Helicobacter pylori*
   e. *Mycobacterium leprae*

2. Leukocidins are lytic agents that:
   a. use chitinase to kill fungi
   b. lyse red blood cells
   c. lyse bacterial cells
   d. lyse white blood cells
   e. destroy viruses
3. Neurotoxins are produced by which of the following pairs of microorganisms?

a. Corynebacterium diphtheriae and Clostridium botulinum
b. Clostridium tetani and Clostridium botulinum
c. Vibrio cholerae and Streptococcus pyogenes
d. Bacillus antracis and Escherichia coli
e. Streptococcus pneumoniae and Salmonella typhimurium

4. Which of the following statements is true about chickenpox?

a. This is a sexually-transmitted disease.
b. The virus is thought to have originated in chickens and crossed species boundaries.
c. This bacterial disease stimulates a patient's endogenous pyrogens.
d. The viral DNA can remain in nerve cells for years and become activated to cause the disease known as shingles.
e. All of the above statements are true.