

# Lesson 2:

# Vaccines

## Quiz

Circle the correct answer.

1. Which of the following is **not** true about vaccines?
  - a. they are the most effective means of controlling infectious diseases
  - b. they stimulate an immune response
  - c. they are no longer needed after the age of 18
  - d. they cause immunity to a pathogen without causing symptoms of disease
2. Vaccines protect:
  - a. individuals who get them
  - b. the other kids in school
  - c. family members
  - d. all of the above
3. All of the following are ways to make vaccines **except**:
  - a. use an antibiotic
  - b. weaken the virus
  - c. inactivate the virus
  - d. use inactivated toxins
4. Phase IV studies:
  - a. are performed using fewer than 100 volunteers
  - b. are the continued monitoring of vaccines while they are being used on people
  - c. are the evaluation by the FDA
  - d. none of the above

Fill in the blanks.

5. Vaccines are the deliberate \_\_\_\_\_ of \_\_\_\_\_.
6. Immunologic memory is \_\_\_\_\_.
7. The \_\_\_\_\_ grants a license to make and sell vaccines.
8. The \_\_\_\_\_ decides whether people will be required to get certain vaccines.
9. An influenza vaccine should be given \_\_\_\_\_.
10. \_\_\_\_\_ is usually the first vaccine given.
11. Give two examples of when adults need vaccines: \_\_\_\_\_  
and \_\_\_\_\_.

Discuss.

12. Herd immunity.

