



Zoonotic Disease Train the Trainer

Pre-Quiz / Post-Quiz ANSWER KEY

1. What do you think is the definition of a zoonotic disease? (choose one)

a.) A disease found only in zoos

b.) A disease that can pass between animals and humans

c.) A disease found in water that makes animals restless

d.) A disease that can pass between different animals

2. How long should you scrub when you wash your hands?

a.) 5 seconds b.) 10 seconds c.) 15 seconds **d.) 20 seconds**

Explanation: 20 seconds is the minimum amount of time recommended for hand washing in order to remove germs.

3. Which source is the common host of *E. coli*?

a.) Cows b.) Pigs c.) Poultry d.) Dogs

Explanation: Although all of the animals listed can be infected by *E. coli*, cows are the most common host.

4. What is the best way to prevent influenza?

a.) Hand washing **b.) Vaccination** c.) Don't share drinks d.) Consume Vitamin C

Explanation: While hand washing and not sharing drinks can help prevent influenza and other diseases, vaccination is the best way to prevent influenza. There is not research supporting the idea that vitamin C prevents influenza.

5. Which animal are you most likely to get Cryptosporidiosis from?

a.) Cows or calves b.) Reptiles c.) Poultry d.) Pigs

Explanation: All animals listed could potentially carry the pathogens that cause Cryptosporidiosis, however, cows and calves are the most common hosts.

6. When should you wash your hands?

a.) After touching your animals

b.) Before eating

c.) After touching anything an animal may have also touched

d.) All of the above

7. Cleaning and disinfecting anything that comes in contact with an animal or its feces is an example of _____.

a.) Biosecurity b.) Food safety c.) Pasteurization d.) Quarantine

8. True or **false**: Touching the pen or cages around animals cannot spread disease.

Explanation: Many of the most common zoonotic diseases can live for long periods of time on surfaces, so touching any area or object where animals are could potentially expose an individual to a pathogen.

9. True or **false**: Animals will always appear ill when sick.

Explanation: Some animals do not show signs of sickness and some diseases like influenza can be spread before the animal starts showing symptoms.

10. True or **false**: Influenza is a type of bacteria.

Explanation: Influenza is a virus.

11. True or **false**: It is okay to have food and drinks in the barn if your hands are clean.

Explanation: Food and drinks should not be allowed in the barn regardless of cleanliness, as some pathogens can spread through aerosol transmission (through the air). This also sets a bad example for onlookers, who may think it's okay to repeat this action.

12. True or **false**: The incubation period is how long an animal is sick.

Explanation: The incubation period is the time it takes for symptoms to develop after the pathogen is initially contracted.

13. **True** or false: You can get sick from petting an animal and then not washing your hands?

Explanation: Animals can harbor pathogens that do not necessarily make *them* sick, but can make *us* sick. Some can carry pathogens that make both them AND us sick! These pathogens can exist not only in their feces but also on their bodies, therefore petting an animal and not washing your hands can potentially make you sick as well as spread the pathogen to other animals/people/areas.

14. **True** or false: Animals can get sick from you if you are sick.

Explanation: There are several pathogens such as influenza that can be passed from humans to animals. Animals can make humans sick, but we can also make them sick!