Lesson 15- Public Health

1. Public health is the science that deals with protecting and improving the health of people in a community. Public health scientists make sure that \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and medicines are safe. Drinking water is tested to make sure it does not contain \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

2. Public health scientists are \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. They research diseases and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. To stop the spread of a disease, scientists study the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ that causes the disease.

3. It is also important to learn how pathogens are \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ from one person to another.

4. Diseases that can be passed from one organism to another called \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ diseases. An \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is caused by the presence of pathogens in the body. Examples:

5. Epidemic: Example:

6. Pandemic: Example:

7. Vector:

8. How does malaria spread?

9. Ticks are a vector for \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, which is an infection that causes:

10. Name five ways you can prevent the spread of diseases.

11. Your body is able to \_\_\_\_\_\_\_\_\_\_\_\_ many pathogens. People recover from infectious disease because of their body’s \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. White blood cells and proteins called \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ attack \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

12. Vaccine:

EOG Practice: 1.\_\_\_\_\_\_ 2.\_\_\_\_\_\_ 3.\_\_\_\_\_\_