Microkillers Video

https://www.youtube.com/watch?v=57avGe9L4JY

1. What city does the hypothetical Influenza virus originate \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

2. According to the video the Influenza virus attacks what part of the body \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

3. Flu viruses seem to be most active and mutate the most during what season? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

4. Which flu became a pandemic in 1918 after during / after World War I? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

5. What 2 types of animals are the most common origination for flu viruses

 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

6. What sticky, fluid type substance is found in the body that usually traps viruses?\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

7. Doctors/scientists refer to the person who first comes in contact with and passes on a virus

 As patient \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

8. An estimated \_\_\_\_\_\_\_ thousand virus particles can be found in one sneeze.

9. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ are **large** cells from the immune system that are the first line of defense against a flu virus, but are actually hijacked by viruses and help spread the virus.

10. Airplanes have \_\_\_\_\_\_\_\_\_\_\_\_ filters on board that supposedly catch impurities in the air, but are not effective on viruses because of their size.

11. What virus was spread from Hong Kong to Bejing, China in 2003 that caused breathing problems and headaches. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

12. What effect would the super flu have on the lungs, which would allow fluid and blood build up and turn into pneumonia?\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

13. The H1N5 virus is also known as the \_\_\_\_\_\_\_\_\_\_\_\_\_ flu and has a 75% death rate in people.

14. Drugs that are tested and are used against viruses are referred to as \_\_\_\_\_\_\_\_\_\_\_ viral drugs.

15. What is the name of the organization that specializes in studying and developing weapons against possible pandemic situations

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

16. List the 2 main groups of people who would receive anti-viral drugs first if an epidemic broke out.

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17. List 2 things a large city might do order to isolate a population and protect millions during an epidemic outbreak of a highly contagious super virus.