1. Put the classification of living things in order.

2. Which two of these levels are used to create an animal’s scientific name?

3. Write the functions of the following organelles and whether they are in plant, animal or both:
   - Ribosomes:
   - Lysosomes:
   - Cell Wall:
   - Chloroplasts:

4. List the functions of the following systems:
   - Circulatory:
   - Digestive:
   - Skeletal:
   - Muscular:
   - Lymphatic:

5. How do the circulatory and digestive systems work together?

6. How do the skeletal and muscular systems work together?

7. How do the lymphatic and circulatory systems work together?

8. What are the three parts of the cell theory?
   - :
   - :
   - :

9. What is the difference between a scientific observation and a scientific inference?
10. What is the difference between an experiment and an investigation?

11. Why would the order of the steps in a scientific method differ?

12. Why are viruses dangerous?

13. Place the following in order from LEAST COMPLEX to MOST COMPLEX.
   A human, the lung cells, the lung tissue, the lungs

   __________________________, ________________________, _____________________, ___________________

14. Explain the following parts of a controlled experiment:
   - Control:
   - Independent Variable:
   - Dependent Variable:
   - Constant:

   - Which of these is not always part of an experiment?
   - Which of these should you limit to 1?

15. If you go to a doctor with cold symptoms and are NOT prescribed an antibiotic, why would that be?

16. What could be a reason that the results of an experiment are not credible?

17. What is the difference between a scientific theory and a scientific law?

18. What three processes maintain homeostasis in cells?

19. Name three scientific models. One of them must be something we made in class.

20. What is a NON LIVING infection agent?