Study Review—1st Semester

1. What part of the cell is where materials pass through to get in and out of the cell?
2. Wilted lettuce soaked in water will get crisp again because of what process?
3. What cell organelle makes sugar? It is in plants and algae.
4. What else does a plant cell have that animal cells don’t?
5. What part of the cell has all the DNA in it and tells how to make proteins?
6. What cell organelle breaks down food molecules to make energy and it is surrounded by two membranes?
7. Always focus the microscope First on what power?
8. All bacteria are what type of cell?
9. Name the parts of the cell theory.
10. Define a POPULATION.
11. How do mushrooms get their nutrients?
12. Cells with a nucleus are called\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
13. Write the scientific name for American Robin correctly. turdus migratorius
14. Name the 6 KINGDOMS.
15. If an organism can have lots of common names, how many scientific names can it have?
16. Who is recognized for the science of TAXONOMY?
17. Why is having 2 independent variables in an experiment bad?
18. Write an inference. Write an observation.
19. What is a control group?
20. What is an independent variable?