Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Cell Function Worksheet ![C:\Users\Becky\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\FBY09ABI\MC900211526[1].wmf]()**

*Match the description in Column 1 with the name in Column 2.*

*Column 1*

 \_\_\_\_\_\_\_\_ 1. Holds the nucleus together

 \_\_\_\_\_\_\_\_ 2. Surface for chemical activity;

 \_\_\_\_\_\_\_\_ 3. Round shaped bacteria

 \_\_\_\_\_\_\_\_ 4. Digestion center with enzymes in it

 \_\_\_\_\_\_\_\_ 5. Where proteins are made

 \_\_\_\_\_\_\_\_ 6. Structures involved in mitosis in animal cells only

 \_\_\_\_\_\_\_\_ 7. Microscopic cylinders that support & give the cell shape

 \_\_\_\_\_\_\_\_ 8. Shapes and supports a plant cell

 \_\_\_\_\_\_\_\_ 9. Stores and releases chemicals

 \_\_\_\_\_\_\_\_ 10. Food for plant cells is made here

 \_\_\_\_\_\_\_\_ 11. Spherical body within the nucleus

 \_\_\_\_\_\_\_\_ 12. Controls the entry into and out of the cell

 \_\_\_\_\_\_\_\_ 13. A chain of round bacteria

 \_\_\_\_\_\_\_\_ 14. Chromosomes are found here; the control center

 \_\_\_\_\_\_\_\_ 15. Jelly-like substance within the cell

 \_\_\_\_\_\_\_\_ 16. Viruses

 \_\_\_\_\_\_\_\_ 17. A hole in the nuclear membrane

 \_\_\_\_\_\_\_\_ 18. “powerhouse” of the cell

 \_\_\_\_\_\_\_\_ 19. Contains water and dissolved minerals

 \_\_\_\_\_\_\_\_ 20. Rod shaped bacteria

Score \_\_\_\_\_\_\_\_\_\_/ 36 points

 *Column 2*

1. Golgi Body
2. Nucleus
3. Bacillus
4. Vacuole
5. Ribosomes
6. Endoplasmic reticulum
7. Nuclear membrane
8. Centrioles
9. Cytoplasm
10. Coccus
11. Chloroplasts
12. Cell membrane
13. Cell wall
14. Mitochondria
15. Lysosome
16. Non-living
17. Nuclear pore
18. Nucleolus
19. streptococcus
20. microtubule

**Cell Function Worksheet Part 2 ![C:\Users\Becky\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\N4A29JY0\MC900211532[1].wmf]()**

*Name the organelle that performs each of the following functions within the cell.*

1. Controls the movement into and out of the cell
2. Watery material which contains many of the materials involved in cell metabolism
3. Serves as a pathway for the transport of materials throughout the cell; also associated with synthesis and storage
4. Serves as the control center for cell metabolism and production
5. Sites of protein synthesis
6. Involved in the digestion of food within the cell
7. The powerhouse of the cell
8. Packages and secretes the products of the cell
9. Involved in cell division in animal cells
10. Fluid filled organelles enclosed by a membrane; contains stored food or wastes
11. Site of the original production of ribosomes
12. Controls movement into and out of the nucleus
13. Gives the cell its shape and provides protection; not found in animal cells
14. Hair-like structure with the capacity for movement
15. A long hair-like structure used for movement
16. Site of photosynthesis
17. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
18. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
19. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
20. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
21. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
22. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
23. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
24. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
25. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
26. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
27. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
28. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
29. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
30. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
31. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
32. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_