

# Cell Function Worksheet



Connective tissue cell

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

## Column 2

- A. Golgi Body
- B. Nucleus
- C. Bacillus
- D. Vacuole
- E. Ribosomes
- F. Endoplasmic reticulum
- G. Nuclear membrane
- H. Centrioles
- I. Cytoplasm
- J. Coccus
- K. Chloroplasts
- L. Cell membrane
- M. Cell wall
- N. Mitochondria
- O. Lysosome
- P. Non-living
- Q. Nuclear pore
- R. Nucleolus
- S. streptococcus
- T. microtubule

# Cell Function Worksheet Part 2



Cartilage cells

21. \_\_\_\_\_

21. Controls the movement into and out of the cell

22. \_\_\_\_\_

22. Watery material which contains many of the materials involved in cell metabolism

23. \_\_\_\_\_

23. Serves as a pathway for the transport of materials throughout the cell; also associated with synthesis and storage

24. \_\_\_\_\_

24. Serves as the control center for cell metabolism and production

25. \_\_\_\_\_

25. Sites of protein synthesis

26. \_\_\_\_\_

26. Involved in the digestion of food within the cell

27. \_\_\_\_\_

27. The powerhouse of the cell

28. \_\_\_\_\_

28. Packages and secretes the products of the cell

29. \_\_\_\_\_

29. Involved in cell division in animal cells

30. \_\_\_\_\_

30. Fluid filled organelles enclosed by a membrane; contains stored food or wastes

31. \_\_\_\_\_

31. Site of the original production of ribosomes

32. \_\_\_\_\_

32. Controls movement into and out of the nucleus

33. \_\_\_\_\_

33. Gives the cell its shape and provides protection; not found in animal cells

34. \_\_\_\_\_

34. Hair-like structure with the capacity for movement

35. \_\_\_\_\_

35. A long hair-like structure used for movement

36. \_\_\_\_\_

36. Site of photosynthesis