CELL STRUCTURES AND FUNCTIONS

NAME_____ BLOCK _____

DATE _____ __ /20

Matching (8 marks) Select *the letter of a single description that best fits the function of each of the following organelles in the cell. Not all the descriptions will be used.*

_____ 1. Nucleus

_____ 2. Vacuole

_____ 3. Golgi Apparatus

_____ 4. Endoplasmic Reticulum

_____ 5. Ribosome

_____ 6. Mitochondria

_____ 7. Chloroplast

_____ 8. Cell Membrane

A. Contains the genetic information of the cell
B. Used for storage of water, food and waste in the cell
C. Controls the functions of the cell
D. Support and Protection for the plant cell
E. Produces chemical energy for the plant cell
F. Produces proteins for the cell
G. Controls the materials coming in and out of the cell
H. Fluid inside the cell that organelles and materials float around in
I. Transports and stores materials in the cell and connects some organelles together
J. Used for storage, protein packing and shipping
K. Produce chemical energy for animal and plant cells

Word Bank

mitochondrion chloroplast
ribosome rough endoplasmic reticulum
smooth endoplasmic reticulum Golgi apparatus
nucleus cell wall
cell membrane vacuole
lysosome chromosomes
central vacuole cytoplasm

Label the indicated parts of the cell.

Please fill in the blank with the appropriate answer. Use the word bank on the previous page to help you answer the questions.

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. The cell on the left hand side of the page is a(n) _____ cell.
12. The cell on the right hand side of the page is a(n) _____ cell.



