

## 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.

