

LIFE SCIENCE

PERIOD _____

CAN YOU IDENTIFY THESE CELL STRUCTURES?

Read each description and then identify the cell structure. Write your answer on the line provided.

1. I'm a real "powerhouse."
That's plain to see.
I break down food
To release energy.

What am I? _____

6. I'm a series of tubes
Found throughout the cell.
I transport proteins
And other things as well.

What am I? _____

2. I'm strong and stiff
Getting through me is tough.
I'm found only in plants,
But I guess that's enough.

What am I? _____

7. I'm full of holes,
Flexible, and thin.
I control what gets out
As well as what comes in.

What am I? _____

3. My name means "colored bodies,"
And I contain DNA.
I pass on traits to new cells
In a systematic way.

What am I? _____

8. Proteins are made here
Even though I'm quite small.
You can find me in the cytoplasm
Or attached to E.R.'s wall.

What am I? _____

4. I'm the "brain" of the cell
Or so they say.
I regulate activities
From day to day.

What am I? _____

9. I've been called a "storage tank"
By those with little taste.
I'm a sac filled with water,
Food, enzymes, or waste.

What am I? _____

5. Found only in plant cells,
I'm green as can be.
I make food for the plant
Using the sun's energy.

What am I? _____

10. Since I contain many enzymes,
I can digest an injured cell;
And can break down a large molecule
Into a smaller one as well.

What am I? _____