

Name: _____

1. What human cells have flagellum, what is the flagellum used for?

2. What human cells have cilia, what are the cilia used for?

3. What is the role of the cell membrane?

4. Explain what selective permeability means.

5. What is the watery liquid that fills the cell? _____

6. What is the name of this liquid in the nucleus? _____

7. What is the difference between the smooth and rough ER

8. What is the function of the ribosome

9. What organelle is responsible for digesting wastes? _____

10. What is the nucleus surrounded by?

11. What is contained within the nucleus? _____

12. What is DNA? _____

13. How many chromosomes do humans have? _____

14. What is the nucleolus responsible for making? _____

15. What process occurs in the mitochondria? _____

16. Explain the hypothesis we have about how animal cells ended up with mitochondria

17. Who do you get your mitochondrial DNA from? _____