

Quizizz

Cells and Organelles

Name : _____

Class : _____

Date : _____

1. Sac within the cytoplasm that is full of fluid; plants have one large; stores food, water, etc.

a) vacuole

b) cell wall

c) lysosome

d) ribosome

2. Gives the cell a rigid, box-like shape; outside of the cell membrane; in plants.

a) cytoplasm

b) chromatin

c) cell wall

d) cell membrane

3. Consists of a jellylike substance that contains many organelles.

a) ribosomes

b) cytoplasm

c) chloroplasts

d) cell wall

4. Which organelle uses energy from sunlight to make sugar?

a) mitochondria

b) nucleus

c) chloroplasts

d) vacuoles

5. Which structure is found in plant cells and not in animal cells?

a) cell wall

b) centriole

c) nucleus

d) cytoplasm

6. Which part of the cell is often called "the brain of the cell"?

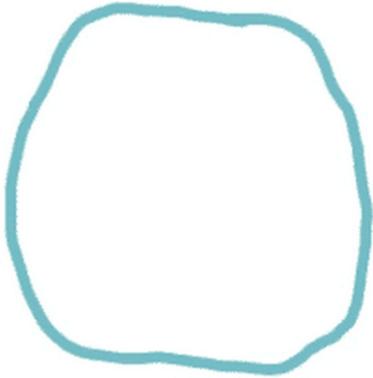
a) nuclear membrane

b) endoplasmic reticulum

c) nucleus

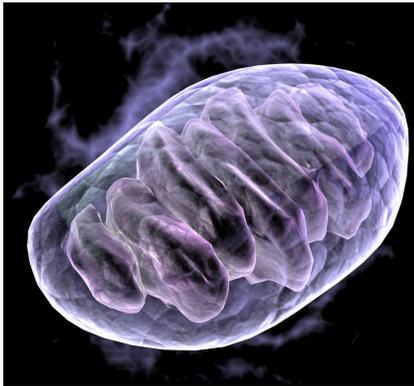
d) ribosomes

7. I am the outer most layer of an animal cell. What am I?



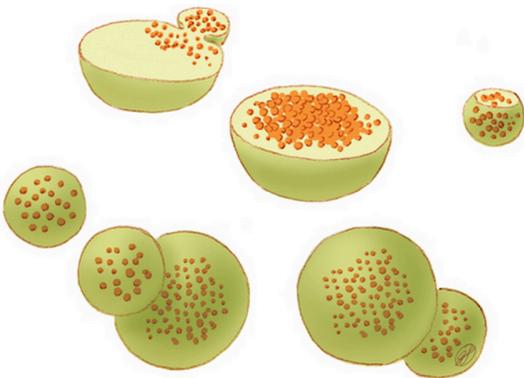
- a) cell wall
- b) nucleus
- c) cell membrane
- d) cell skin

8. I make proteins for the cell. What am I?



- a) ribosome
- b) mitochondria
- c) chloroplast
- d) lysosome

9. You might think of me as the trash collector or recycler is maybe more accurate. What am I?



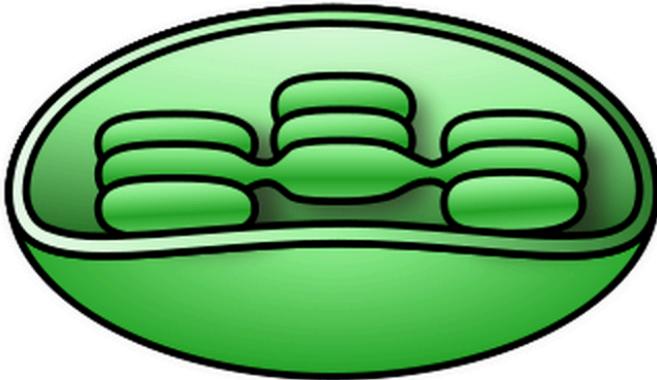
- a) cytoplasm
- b) lysosome
- c) vacuole
- d) ribosome

10. I am a protein packaging and shipping machine! Who am I?



- | | |
|---|---|
| <input type="checkbox"/> a) vacuole | <input type="checkbox"/> b) ribosome |
| <input type="checkbox"/> c) endoplasmic reticulum | <input type="checkbox"/> d) golgi apparatus |

11. I am only found in a plant cell. What am I?



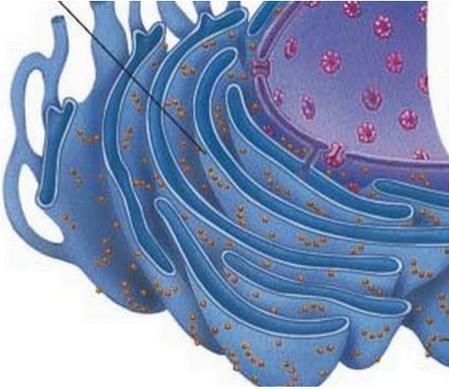
- | | |
|---------------------------------------|--|
| <input type="checkbox"/> a) cell wall | <input type="checkbox"/> b) mitochondria |
| <input type="checkbox"/> c) cytoplasm | <input type="checkbox"/> d) chloroplast |

12. I store water in both plant and animal cells. What am I?



- | | |
|---------------------------------------|---------------------------------------|
| <input type="checkbox"/> a) cytoplasm | <input type="checkbox"/> b) ribosomes |
| <input type="checkbox"/> c) vacuole | <input type="checkbox"/> d) lysosomes |

13. What is this?



- a) mitochondria
- b) lysosomes
- c) chloroplast
- d) endoplasmic reticulum

14. break down (digest) worn out cell parts, mostly in animal cells

- a) cytoplasm
- b) lysosomes
- c) mitochondria
- d) vacuoles

15. Under a microscope, what kind of cells lack membrane-bound internal organelles?



- a) Prokaryotes
- b) Eukaryotes
- c) Plants
- d) Animals

16. Where is the DNA found in a prokaryotic cell?

- a) floating around in the cytoplasm
- b) in the nucleus
- c)
- d)

17. What type of cell has a nucleus?

- a) eukaryotic
- b) prokaryotic
- c)
- d)

18. All living things are made of...

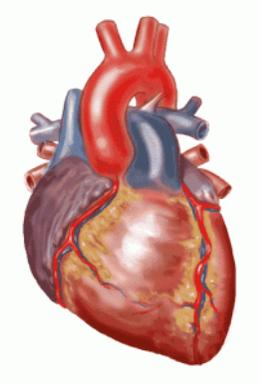
- a) atoms
- b) cells
- c) bacteria
- d) plants

19. What am I?



- a) Nucleus
- b) Golgi Body
- c) Mitochondrion
- d) Plasma Membrane

20. This is a example of

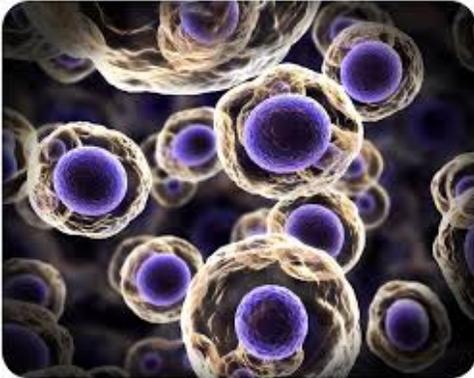


- a) cell
- b) organ system
- c) organ
- d) tissue

21. A group of cells that have similar functions? Examples are nervous, epithelial, muscle and connective

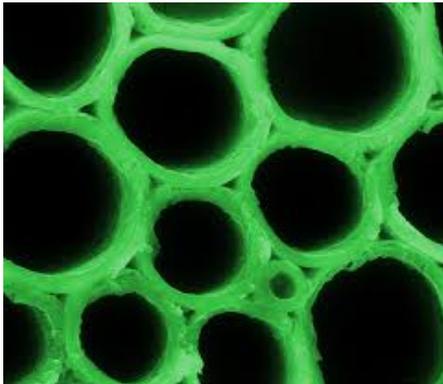
- a) cells
- b) tissues
- c) organs
- d) atoms

22. The two kinds of cells are **Prokaryotes and Eukaryotes**. How are they **different**?



- a) Prokaryotes have a nucleus.
- b) Eukaryotes have a nucleus.
- c) Prokaryotes are plant cells.
- d) There is no difference.

23. What cell part is **NOT** found in all cells?



- a) Cell Wall
- b) Cell Membrane
- c) Cytoplasm
- d) Genetic Material

24. What is the function of nucleus?

- a) Structure that organizes motion of chromosomes.
- b) Structure that contains DNA and directs the cell
- c) Membrane that surrounds and protects the cell
- d) Stack of membranes that packages chemicals

25. Controls what enters and leaves the cell

- a) Mitochondria
- b) Cell Membrane
- c) Cell Wall
- d) Nucleus

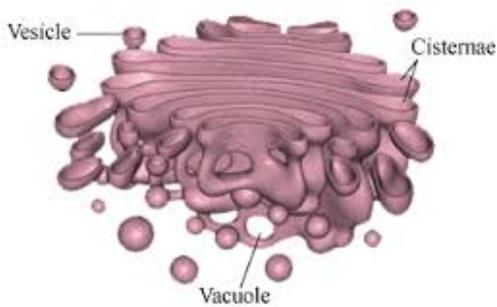
26. This is part of the endoplasmic reticulum that is used to make proteins that will be used by other cells. **It is lined with ribosomes.**

- | | |
|--------------------------------------|---------------------------------------|
| <input type="checkbox"/> a) Vesicles | <input type="checkbox"/> b) Lysosomes |
| <input type="checkbox"/> c) Rough ER | <input type="checkbox"/> d) Smooth ER |

27. This is a system of membranous tubules and sacs in eukaryotic cells that functions as **a path along which molecules move from one part of the cell to another.** Can be rough or smooth.

- | | |
|---|---|
| <input type="checkbox"/> a) Mitochondria | <input type="checkbox"/> b) Chloroplast |
| <input type="checkbox"/> c) Endoplasmic reticulum | <input type="checkbox"/> d) Centrioles |

28. The Golgi apparatus _____.



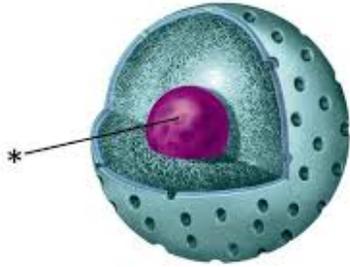
- | | |
|---|--|
| <input type="checkbox"/> a) packages cell products for export | <input type="checkbox"/> b) eliminates waste |
| <input type="checkbox"/> c) stores DNA | <input type="checkbox"/> d) makes energy |

29. Long, thin strands of material in the nucleus that is made of protein and DNA.

- | | |
|---|--|
| <input type="checkbox"/> a) chromosomes | <input type="checkbox"/> b) nuclear matrix |
| <input type="checkbox"/> c) chromatin | <input type="checkbox"/> d) nuclear envelope |

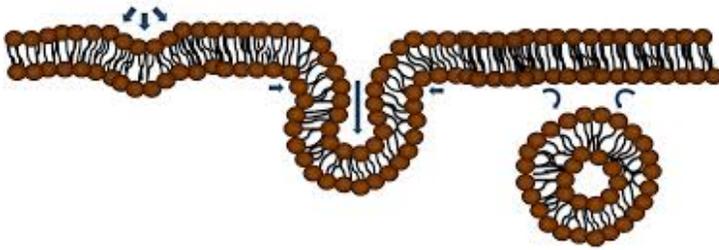
30. Dense area of the nucleus that is essential for making proteins.

The Nucleus



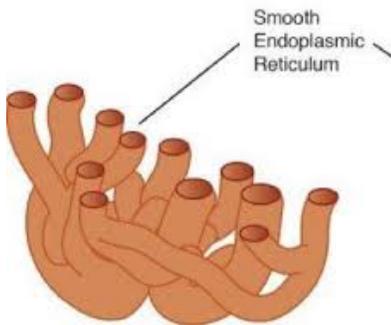
- | | |
|---------------------------------------|--|
| <input type="checkbox"/> a) nucleolus | <input type="checkbox"/> b) ribosome |
| <input type="checkbox"/> c) lysosome | <input type="checkbox"/> d) cytoskeleton |

31. Small membrane-bound sac that contains and transports materials within the cytoplasm; for storage.



- | | |
|---|--|
| <input type="checkbox"/> a) vesicle | <input type="checkbox"/> b) nucleolus |
| <input type="checkbox"/> c) chloroplast | <input type="checkbox"/> d) cytoskeleton |

32. An interconnected network of thin, folded membranes that produce, process, and distribute proteins. Is NOT covered in ribosomes.



- | | |
|--|---|
| <input type="checkbox"/> a) smooth endoplasmic reticulum | <input type="checkbox"/> b) nucleus |
| <input type="checkbox"/> c) ribosome | <input type="checkbox"/> d) Golgi apparatus |

33. What is the gel-like substance inside of cells called?

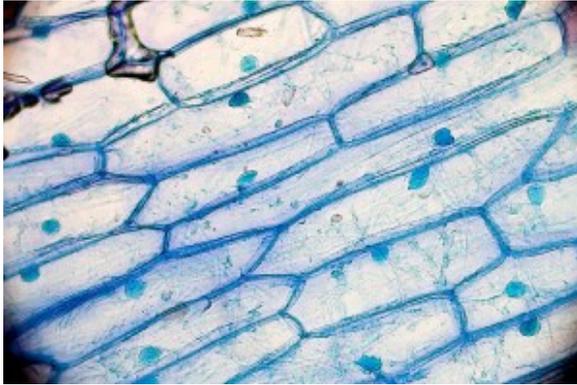
a) Photoplasm

b) Photosynthesis

c) Cytoskeleton

d) Cytoplasm

34. Which structure helps plants stand up?



a) cell membrane

b) lysosome

c) Golgi apparatus

d) cell wall

35. The function of Cytoplasm...

a) Store water needed by the cell

b) Transport proteins

c) Hold organelles inside cells

d) Get rid of wastes