Name: _____ Class: _____

Lesson 3: Cells QUESTIONS-1 and QUESTIONS-2 Combined

Be sure to complete ALL the questions in your book BEFORE completing the Liveworksheet. Use the information in the notes to answer the following questions.

1. What is the job of the nucleus?

2. Which structure surrounds and protects the animal cell?

3. Give an example of an organism that has plant cells?

4. Name the instrument scientist use to observe cells?

5. Name ONE part found in a plant cell which is not found in an animal cell.

6. Order the terms below from smallest to largest using numbers 1-5.

__system __tissue __organism __cell __organ

7. How do viruses spread?

8. Which part of the cell controls how it develops?

LIVEWORKSHEETS

9. **Which of the following organisms has cells that are surrounded by cell walls?**

a. fern

b. horse

c. ladybug

d. snake

10. **Which list below is arranged from simple to complex?**

a. cells → systems → organs

b. tissues → cells → systems

c. cells → tissues → organs

d. organs → tissues → systems

11. **Which statement about viruses is true?**

a. Viruses are larger than bacteria.

b. Viruses cause Lyme disease in humans.

c. Viruses move by forming "false feet."

d. Viruses must reproduce inside living cells.

12. **Which of the following is the basic structural unit of all organisms?**

a. blood

b. cells

c. heart

d. vein

LIVEWORKSHEETS

13. **Which of the following controls the activities of the cell?**

a. chloroplast

b. cytoplasm

c. nucleus

d. vacuole

14. **Robert Hooke was the first person to describe cells. Which of the following instruments did he use to make his observations?**

a. magnifying glass

b. microscope

c. spring scale

d. telescope

15. **Joshua is observing animal cells. He is looking at the structure that controls what enters and leaves the cell. Which structure is Joshua observing?**

a. cell membrane

b. nucleus

c. cell walls

d. vacuole

16. **Which of the following parts is responsible for controlling cell reproduction?**

a. chlorophyll

b. cytoplasm

c. nucleus

d. vacuole

LIVEWORKSHEETS

17. **Which of the following structures in the plant cell is responsible for the production of food?**

a. cell membrane

b. chloroplast

c. nucleus

d. vacuole

18. **What is a cell?**

19. **'Cells must work together to perform basic life processes which helps to keep organisms alive.' Name TWO life processes of cells.**

20. **'All cells have a cell membrane.' Name TWO materials that can pass through the cell membrane.**

LIVEWORKSHEETS