

Name

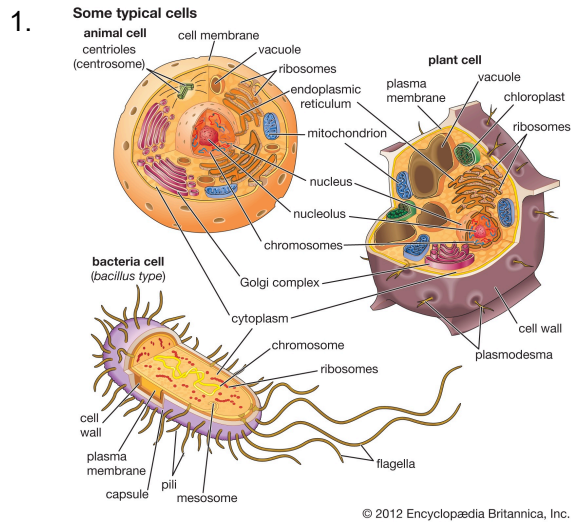
Class

**grade 6 (Topic,1: Lesson ,1)**

Total questions: 18

Instructor Bahaa Rizk

Question	Answer
1	d
2	d
3	c
4	a
5	a
6	b
7	d
8	d
9	c
10	c
11	a
12	d
13	b
14	a
15	b
16	d
17	b
18	d
19	Page 22
20	c
Total Mark:	



What is NOT a part of cell theory:

- a) cells are basic unit of structure and function in living things      b) all living things are made of cells
- c) all cells come from existing cells      d) all cells have a nucleus

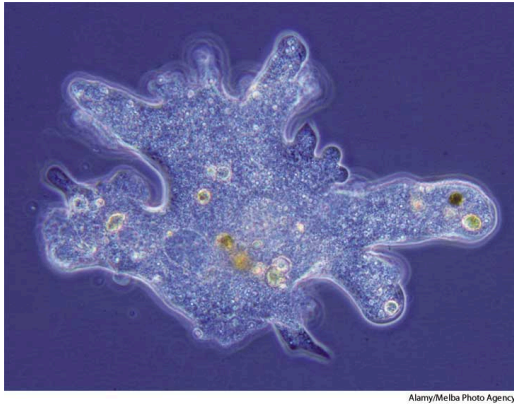
2.



Robert Hooke, Anton van Leeuwenhoek, Theodor Schwann, Rudolf Virchow, and Matthias Schleiden were all responsible for what theory?

- a) The Theory of Relativity      b) The Theory of Continental Drift
- c) The Theory of Gravity      d) The Cell Theory

3.



An Amoeba is a unicellular, animal-like protist that lives in ponds and streams. According to cell theory, where did this cell come from?

- a) energy from sun that allowed the protist to reproduce.
- b) a multicellular organism.
- c) another pre-existing amoeba cell.
- d) the nonliving environment.

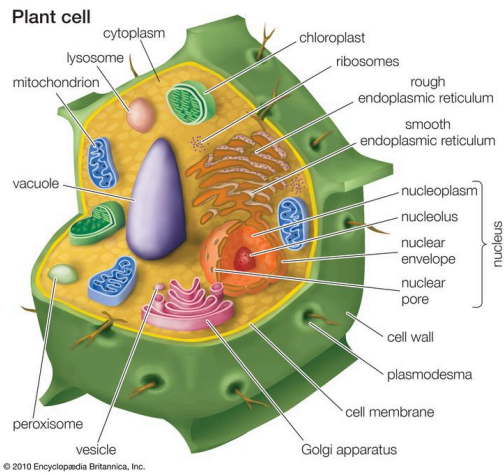
4.



What tool do you use to view the cells?

- a) microscope
- b) telescope
- c) metric ruler
- d) centrifuge

5.



Which of the following is NOT a cell theory.

- a) All non-living things are made of cells
- b) All cells come from pre-existing cells
- c) Cells are the basic unit of structure and function of all living things

6.



All living things are made up of...

- a) cell tissues
- b) cells
- c) organ
- d) organ systems

7. All cells come from \_\_\_\_\_ cells.

- a) paternal
- b) pregnant
- c) pin size
- d) pre-existing

8. Rocks are not living because

- a) they don't break down
- b) they aren't needed for humans
- c) they never move
- d) they are not made of cells

9. What is the basic structural and functional unit of all living things?

- a) human
- b) atom
- c) cell
- d) molecule

10. All cells are produced \_\_\_\_\_.

- a) Cells can come from anywhere, as long as there is the sun.
- b) From pre-existing and deceased cells
- c) from other pre-existing cells

11. An organism made of one cell is called

- a) unicellular organism
- b) multicellular organism

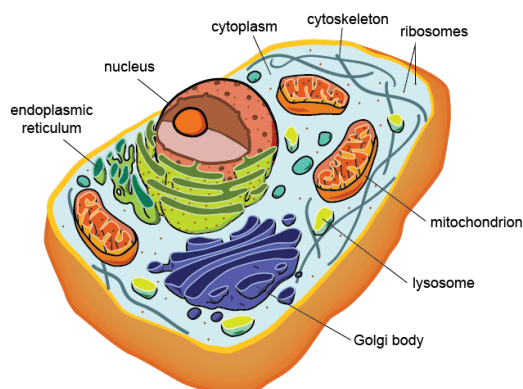
12.



What is one way in which all living things on Earth are alike?

- a) The cells of all living things have chloroplast.
- b) All living things have hair.
- c) All living things can move.
- d) All living things are made of cells and come from other cells.

13.



Which of the following statements is not part of the cell theory?

- a) All cells are produced from other cells.
- b) Only animal cells are composed of cells.
- c) All living things are composed of cells.
- d) Cells are the basic unit of structure and function in all living things.

14.



Which of the following scientists was the first to observe bacteria under a microscope?

- a) Anton van Leeuwenhoek
- b) Theodor Schwann
- c) Robert Hooke
- d) Matthias Schleiden

15. what is a cell classified as?

- a) a unit based on only plants and animals that are living
- b) a basic unit of structure and function of all living organisms

16. In order to sustain life, all cells must...

- a) excrete waste and fluids
- b) digest nutrients and water
- c) must be able to maintain a homeostasis environment (aka cellular respiration and regulation)
- d) All of the above

17. Which is NOT part of the Cell Theory

- a) New cells are produced from existing cells
- b) Only eukaryotic cells have a nucleus
- c) All living things are composed of cells
- d) Cells are the basic unit of structure & function in living things

18.



How are unicellular organisms different from multicellular organisms?

- a) There are no differences.
- b) They are only classified as prokaryotes.
- c) They are made of many cells.
- d) They are made of only one cell.

19. Identify " Homeostasis" ?

-----

20. Which of the following is a multicellular organism?

- A)** bacterium
- B)** amoeba
- C)** mouse
- D)** paramecium