Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Score: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Biology Test – Module #3

Matching: Match each term with the correct definition.

|  |  |
| --- | --- |
| 1. \_\_\_\_ pseudopod
 | 1. A substance (made of sugars) that is common in the cell walls of many organisms
 |
| 1. \_\_\_\_ vacuole
 | 1. A light-sensitive region in certain protozoa
 |
| 1. \_\_\_\_ pellicle
 | 1. A close relationship between two or more species where at least one benefits
 |
| 1. \_\_\_\_ symbiosis
 | 1. An organelle containing chlorophyll for photosynthesis
 |
| 1. \_\_\_\_ flagellate
 | 1. A membrane-bounded “sac” within a cell
 |
| 1. \_\_\_\_ chloroplast
 | 1. A reproductive cell with a hard, protective coating
 |
| 1. \_\_\_\_ chlorophyll
 | 1. A temporary, foot-like extension of a cell, used for locomotion or engulfing food.
 |
| 1. \_\_\_\_ eyespot
 | 1. A special structure used by an organism to anchor itself
 |
| 1. \_\_\_\_ cilia
 | 1. A firm, flexible coating outside the plasma membrane
 |
| 1. \_\_\_\_ spore
 | 1. Tiny organisms that float in the water
 |
| 1. \_\_\_\_ plankton
 | 1. A protozoan that propels itself with a flagellum
 |
| 1. \_\_\_\_ cellulose
 | 1. Hairlike projections that extend from the plasma membrane and are used for locomotion
 |
| 1. \_\_\_\_ holdfast
 | 1. A pigment necessary for photosynthesis
 |

Multiple choice: Choose the best answer for each question.

1. \_\_\_\_ Which of the following is not a form of symbiosis.
	1. Mutualism
	2. Hydroism
	3. Commensalism
	4. Parasitism
2. \_\_\_\_ Which of the following is a group of plankton?
	1. Phytoplankton
	2. Jellyplankton
	3. Marineplankton
	4. Barnacles

True or false: Determine whether each statement is true or false.

1. \_\_\_\_ Kingdom protista is more complex and harder to study than Kingdom monera.
2. \_\_\_\_ Many of the organisms in Kingdom Protista have a means of moving.
3. \_\_\_\_ A pseudopod on an amoeba helps them eat.
4. \_\_\_\_ Some Kingdom Protista organisms have an eyespot that detects light.
5. \_\_\_\_ Phylum Ciliophora use cilia to move.
6. \_\_\_\_ Phylum Sporozoa is carried by mosquitoes and is the main cause of malaria.
7. \_\_\_\_ Diatoms are used in toothpaste.
8. \_\_\_\_ Dinoflagellates blooming is the cause of red tides.
9. \_\_\_\_ Subkingdom algae produce around 75% of the earth’s oxygen supply.
10. \_\_\_\_ Diatoms cell walls are made of silicon dioxide.

Compare Kingdom Protista and Kingdom Algae.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_