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.

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