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

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

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

Biology Test – Module #1

Matching: Match each term with the correct definition

|  |  |
| --- | --- |
| 1. \_\_\_ herbivores | 1. A cell with distinct, membrane-bounded organelles |
| 1. \_\_\_ carnivores | 1. Organisms that produce their own food |
| 1. \_\_\_ omnivores | 1. Reproduction accomplished by a single organism |
| 1. \_\_\_ producers | 1. Organisms that break down the dead remains of other organisms |
| 1. \_\_\_ consumers | 1. A cell that has not distinct membrane-bounded organelles |
| 1. \_\_\_ decomposers | 1. Reproduction that requires two organisms |
| 1. \_\_\_ asexual reproduction | 1. Organisms that eat only plants |
| 1. \_\_\_ sexual reproduction | 1. Organisms that eat living producers and/or consumers for food |
| 1. \_\_\_ prokaryotic cell | 1. Organisms that eat both plants and other organisms |
| 1. \_\_\_ eukaryotic cell | 1. Organisms that eat only organisms other than plants |

Mark the ones that are NOT a criteria for life.

1. \_\_\_\_ All life forms must have the ability to breath
2. \_\_\_\_ All life forms must contain DNA
3. \_\_\_\_All life forms must contain a beating heart
4. \_\_\_\_ All life forms can sense changes in their surroundings and respond to those changes.
5. \_\_\_ All life forms reproduce
6. \_\_\_ All life forms have a method by which they extract energy from the surroundings and convert it into energy that sustains them.

The three parts of our response system are…

1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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

1. \_\_\_ All science must conform to the scientific method.
2. \_\_\_ Plato grouped animals according to how they moved.
3. \_\_\_ Carolus Linnaeus came up with the current classification method.
4. \_\_\_ All organisms are divided into 5 separate, general kingdoms.
5. \_\_\_ We are unable to classify animals without legs.

List: List the 7 levels that Carolus Linnaeus came up with, beginning with the most general and ending with the most specific.

1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
4. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
5. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
6. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
7. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_