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

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

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

Biology Test – Module #12

Matching: Match each term with the correct definition. (2 pts)

|  |  |
| --- | --- |
| 1. \_\_\_\_ exoskeleton
 | 1. An eye made of many lenses, each with a very limited scope
 |
| 1. \_\_\_\_ molt
 | 1. The organ of balance in a crustacean
 |
| 1. \_\_\_\_ thorax
 | 1. To shed an old outer covering so that it can be replaced with a new one
 |
| 1. \_\_\_\_ abdomen
 | 1. A body covering, typically made of chitin, that provides support and protection
 |
| 1. \_\_\_\_ cephalothorax
 | 1. Insect development consisting of four stages: egg, larva, pupa, and adult
 |
| 1. \_\_\_\_ compound eye
 | 1. An eye with only one lens
 |
| 1. \_\_\_\_ simple eye
 | 1. A body region composed of the head and thorax fused together
 |
| 1. \_\_\_\_ statocysts
 | 1. The body region posterior to the thorax
 |
| 1. \_\_\_\_ complete metamorphosis
 | 1. Insect development consisting of three stages: egg, nymph, and adult
 |
| 1. \_\_\_\_ incomplete metamorphosis
 | 1. The body region between the head and the abdomen
 |

True or false: Determine whether each statement is true or false. (1 pts)

1. \_\_\_\_ A crayfish needs its exoskeleton for support of its body.
2. \_\_\_\_ A crayfish is not able to grow its claw back if it loses one.
3. \_\_\_\_ An insect breathes through its mouth.
4. \_\_\_\_ Phylum Arthropoda is the largest phylum.
5. \_\_\_\_ One of the reasons for the success of Phylum Arthropoda is their versatile exoskeleton.

List: List at least three reasons for the success of Phylum Arthropoda. (3 pts)

1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
4. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (extra credit)

List: List two things spiders use their webs for. (3 pts)

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

Multiple choice: Choose which option best answers each question. (2 pts)

1. \_\_\_\_ Which of the following would not be in Class Arachnida?
	1. Spiders
	2. Ticks
	3. Grasshoppers
	4. Scorpions
2. \_\_\_\_ \_\_\_\_ Which of the follow are able to give dangerous, poisonous bites?
	1. Wolf spider
	2. Tarantula
	3. Black widow
	4. Brown recluse
3. \_\_\_\_ Which of the following build webs?
	1. Ticks
	2. Mites
	3. Scorpions
	4. Spiders
4. \_\_\_\_ Diseases are often transferred by what organism?
	1. Fireflies
	2. Crabs
	3. Ticks
	4. Flies
5. \_\_\_\_ Which of the following organisms would exemplify a complex behavior pattern?
	1. Flies
	2. Crayfish
	3. Ladybug
	4. Bee
6. \_\_\_\_ Which of the following limits the size and growth of many arthropods?
	1. Exoskeleton
	2. No lungs
	3. Weak legs
	4. They can’t eat enough
7. \_\_\_\_ Insects have how many legs?
	1. 4
	2. 6
	3. 8
	4. More than 10
8. \_\_\_\_ Which of the following is not a type of insect wing?
	1. Membranous wings
	2. Leather-like wings
	3. Feather-like wings
	4. Horny wings