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

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

Circle One: Pre-test / Post-test

**How Do “Killer Snails” Kill Their Victims?**

**Directions:** Choose the correct answer out of the options provided and write it in the space provided.

1. \_\_\_\_\_\_\_\_\_ Cone snails often have multiple venom peptides at their disposal, this benefits them by

A) allowing them to choose which venom to use in the appropriate situation
B) disabling multiple body in a systems of a prey species at a time
C) enabling them to do harm to multiple different species of prey and predator
D) both B and C
E) both A and B
2. \_\_\_\_\_\_\_\_\_ Which of the following is a cone snail structure specially adapted for feeding?

A) Harpoon
B) Shell
C) Foot
D) Siphon
3. \_\_\_\_\_\_\_\_\_ Which of the following molecular connections helps to fold cone snail peptides into three dimensional structures?

A) peptide bonds
B) G-C linkages
C) A-T linkages
D) Di-sulfide bridges
4. \_\_\_\_\_\_\_\_\_ Cone snail venoms are important to the medical field for their potential to

A) prevent heart attacks
B) relieve pain
C) cure cancer
D) reverse strokes

1. \_\_\_\_\_\_\_\_\_ Different cone snail venom peptides **always** differ from one another in their

A) amino acid sequence, three dimensional shape, and the species the peptide is found in
B) amino acid sequence, three dimensional shape, and the way that it affects prey species
C) amino acid sequence and three dimensional shape
D) three dimensional shape only

**Answer Key:**

1) D

2) A

3) D

4) B

5) C