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

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

Circle One: Pre-test / Post-test

**Cephalopod Camouflage: A Beauty That’s Skin Deep**

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

1. \_\_\_\_\_\_\_\_\_ The three layers of a cephalopod’s skin are the...

A) leucophore, phosphore, and chromatophore
B) chromatophore, iridophore, and spermatophore
C) iridophore, chromatophore, and leucophore
D) leucophore, iridophore, and carpophore
2. \_\_\_\_\_\_\_\_\_ This layer uses radial muscles to “inflate and deflate” just like a balloon to add spots of color to the skin of a cephalopod:

A) Leucophore
B) Iridophore
C) Carpophore
D) Chromatophore
3. \_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_ camouflage involves the use of high contrast colors to form distracting shapes and patterns

A) Mottled
B) Disruptive
C) Uniform
D) Stippled
4. \_\_\_\_\_\_\_\_\_ Which of the following is NOT an example of camouflage?

A) An octopus that uses very bright colors to warn predators of its venomous bite
B) A squid blending into its surrounding and moving slowly to resemble the movement of marine plants
C) A cuttlefish using splotches of different colors to blend in to its environment
D) A cuttlefish using contrasting colors to confuse a predator allowing it time to escape

5. \_\_\_\_\_\_\_\_\_ Humans and cephalopods both have \_\_\_\_\_\_\_\_ in their skin, unlike cephalopods though, humans don’t have the ability to use them to rapidly change the color of their skin.

A) leucophores
B) chromatophores
C) iridophores
D) pigments

**Answer Key:**

1) C

2) D

3) B

4) A

5) D