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

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

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

Biology Test – Module #16

Matching: Match each word with the correct definition.

|  |  |
| --- | --- |
| 1. \_\_\_\_ amniotic egg | 1. A third eye, located on the top of the head, which contains light-sensitive cells |
| 1. \_\_\_\_ neurotoxin | 1. Feathers with smooth barbules but not hooked barbules |
| 1. \_\_\_\_ hemotoxin | 1. Specialized organs in mammals that produce milk to nourish the young |
| 1. \_\_\_\_ endothermic | 1. A shelled, water-retaining egg that allows reptile, bird, and certain mammal embryos to develop on land |
| 1. \_\_\_\_ down feathers | 1. A poison that attacks the nervous system, causing blindness, paralysis, or suffocation |
| 1. \_\_\_\_ contour feathers | 1. The period of time during which an embryo develops before being born |
| 1. \_\_\_\_ placenta | 1. Feathers with hooked and smooth barbules, allowing the barbules to interlock |
| 1. \_\_\_\_ gestation | 1. An organism that is internally warmed by a heat-generating metabolic process |
| 1. \_\_\_\_ mammary glands | 1. A structure that allows an embryo to be nourished with the mother’s blood supply |
| 1. \_\_\_\_ parietal eye | 1. A poison that attacks the red blood cells and blood vessels, destroying circulation |

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

1. \_\_\_\_ Reptiles are invertebrates.
2. \_\_\_\_ Some mammals lay eggs that have leathery shells.
3. \_\_\_\_ A reptiles has smooth skin.
4. \_\_\_\_ A chameleon is able to change color to match its surroundings.
5. \_\_\_\_ Snakes smell with their tongue.
6. \_\_\_\_ Birds have small teeth in their bill.
7. \_\_\_\_ ALL birds have feathers.
8. \_\_\_\_ Mammals have hair.
9. \_\_\_\_ Mammals usually have two pairs of teeth: pre-adolescent teeth and adolescent teeth
10. \_\_\_\_ A duckbilled platypus is an example of a monotreme.

Multiple Choice: Determine which option best answers each question.

1. \_\_\_\_ Which of the following is not a function/characteristic of reptiles scaly skin?
   1. Dry and leathery
   2. Insulates
   3. Must be molted
   4. Needs sunshine
2. \_\_\_\_ How many chambers does a bird’s heart have?
   1. 1
   2. 4
   3. 2
   4. 3
3. \_\_\_\_ Which of the following does a young mammal NOT need its mother for?
   1. Milk
   2. Migration
   3. Protection
   4. Shelter
4. \_\_\_\_ What method do bats and dolphins use for finding objects?
   1. Sight
   2. Sonar
   3. Radar
   4. Echolocation

Short answer:

1. Name one bird that cannot fly. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. Name on marsupial. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Extra credit: How much more food does a mammal have to eat than a cold-blooded animal of similar size? \_\_\_\_\_\_\_\_\_\_\_\_\_\_ times more