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

**The Skeletal System**

1. What are the differences between exoskeletons, endoskeletons, and hydro-skeletons?
2. True or False: A Flatworm has a skeleton.
3. What skeletal structure to Nematodes and Annelida have? What is the name of the connective tissue that Platyhelminthes have?
4. What is the difference between fixed and stem cells?
5. What does bilaterally symmetrical mean?
6. Annelida are tripoblastic. What are the names of the three primary germ layers?
7. What does coelomate and acoelomate mean?
8. What are the four functional regions of a typical arthropod exoskeleton?
9. How do Prorifera obtain food, oxygen, and remove wastes?
10. True or False: Molluscs are bilaterally symmetrical.
11. What are the names of a Cnidarian’s body layers?
12. What does it mean for echinoderms to disarticulate?
13. List 3 examples of arthropods.
14. What type of skeleton do arthropods have?
15. Where is the skeletal system of the Giant African Land Snail located?
16. Death Stalkers have what type of limbs?
17. The majority of a Box Jellyfish’s body is made up of what?
18. Fire Coral are closely relate to jellyfish and are a type of what?
19. What runs along the back of a Ragworm?
20. The bones of a meerkat are held together by what?
21. What design do male Blue Claw Crabs have on their abdomen?
22. What type of skeleton do Blue Claw Crabs have?
23. Like a Blue Claw Crab, Deathstalkers have \_\_\_\_\_\_\_\_\_\_\_ as a head.
24. The trunk of a Deathstalker is divided into a series of articulating sclerites (hardened body part) called what?
25. What are Planarian eyespots called?
26. Through what does oxygen and carbon dioxide enter and leave through in Planarians?
27. How do Flatworms mate?
28. Hookworms have a cavity between the mesoderm and endoderm tissues, which is called a pseudocoelom, meaning what?
29. Earthworms have bristles on each segment called what?
30. The \_\_\_\_\_\_\_ of the common cuttlefish is basically its skeletal system along with the \_\_\_\_\_bone, for most molluscas do not have organic bones