**Test Review: Zoology Chapters 7(Classification), 12(Mollusks), 13(Annelids), and 14(Arthropods). Open Notes and Review Sheet.**

**Things to Know:**

**Chapter 7:**

1. **What were Aristotle’s 2 main groups and 3 subgroups in classifying thing?**
2. **Three purposes of classifying?**
3. **Modern day classification system was developed by whom?**
4. **Binomial Nomenclature**
5. **List the taxonomic rankings from largest to smallest:**
6. **Name the 6 Kingdoms.**
7. **Systematics**
8. **Taxon**
9. **What is the correct way to write a scientific name?**
10. **Plants are autotrophs while animals are \_\_\_\_\_\_\_\_\_\_\_\_.**
11. **Asymmetry**
12. **Radial symmetry**
13. **Bilateral symmetry**
14. **Doral**
15. **Ventral**
16. **Anterior**
17. **Posterior**
18. **Unicellular**
19. **Multicellular**
20. **Endorderm**
21. **Ectoderm**
22. **Mesoderm**
23. **Coelom**
24. **Sac plan**
25. **Tube-within-a-tube plan**
26. **Segmentation**
27. **Support**
28. **Hydrostatic skeleton**
29. **Exoskeleton**
30. **Endoskeleton**
31. **Intracellular**
32. **Extracellular**
33. **What are the 3 types of internal transport?**
34. **Open circulatory system**
35. **Closed circulatory system**
36. **Respiration**
37. **Excretion**
38. **Nerve net**
39. **Cephalization**

**Chapter 12 & 13:**

1. **Having both male and female sex organs?**
2. **Class that contains octopus and squid?**
3. **Related to earthworms, used in “bloodletting?”**
4. **Most mollusks have a \_\_\_\_\_\_\_\_\_\_\_\_.**
5. **Organ that grinds food in earthworm?**
6. **Similar to a snail, but without a shell?**
7. **Opening where wastes exit?**
8. **An octopus has 8 or these?**
9. **Organ that stores food in the earthworm?**
10. **The color of a poisonous octopus?**
11. **Organs used for respiration in the squid?**

**Chapter 14:**

1. **Most arthropods lay eggs that develop outside the body. They are called?**
2. **What class do Ticks and Mites belong to?**
3. **Daddy Longlegs are members of what order?**
4. **Barnacles are members of what class?**
5. **Book lungs or book gills are found in \_\_\_\_\_\_\_\_\_\_\_\_.**
6. **What are the main characteristics of arthropods?**
7. **How many legs do spiders have?**
8. **Crustaceans have \_\_\_ pairs of legs, \_\_\_ claws, and \_\_\_pair of antennae.**
9. **How many pairs of legs for millipedes and centipedes?**
10. **On the spider, what are the pedipalps used for?**
11. **On the spider, what are the spinnerats used for?**
12. **Insects have \_\_\_ pairs of legs, \_\_\_pair of antennae, and \_\_\_ body segments.**
13. **Give an example of the insect order Lepidoptera?**
14. **Give an example of the insect order Isoptera?**
15. **Give an example of the insect order Diptera?**