**Crustacean and Arthropod Study guide**

1. Define Ecdysis
2. List the characteristics of crustacean.
3. What is the function of green glands (antennal glands)?
4. Describe the nervous system of an arthropod.
5. Describe the respiratory organs of arthropods.
6. List the uses of arthropod appendages.
7. Compare an arthropod exoskeleton to that of the cuticle of an annelid.
8. What are the various foods that are consumed by crayfish?
9. How do you distinguish between a male crayfish and a female crayfish?
10. What is the function of mandibles? Maxillipeds?
11. What type of eye does a crayfish have?
12. List some members of the subphylum crustacea.
13. Function of Antennules of a crayfish?
14. What is meant by serial homology?
15. How do crustaceans “grow” a new exoskeleton? (Steps)
16. What is the characteristic that separates arthropods from other invertebrates?
17. List examples of the subphylum Chelicerata.
18. What is the function of tactile hairs?
19. Describe the muscular system of a crustacean.
20. Define hemocoel.
21. Be able to label all the external appendages of the crayfish.
22. What is the most widely occurring larval form in crustacea?
23. Compare/Contrast the annelids and arthropods.
24. Be able to label the internal parts of the crayfish.
25. Speaking of insects, (what are they arthropods too?), what are the advantages of a more complex form of metamorphosis where the adult is very different from the larval stage/