Test Review Porifera, Cnidaria, and Platyhelminthes

1. Be able the x-section of the hydra from the lab on 09/27/2014.

2. What are the possible modes of reproduction of each group?

3. Hermaphrodites?

4. List the general characteristics of sponges

5. List the general characteristics of cnidarians.

6. List the general characteristics of platyhelminthes

7. Know sponge diagram on handout; label all parts

8. Know planarian diagram; label all parts.

9. Must be able to differentiate between and label polyp and medusa forms of cnidarians.

10. Describe the feeding process and anatomy of a sponge

11. Know polyp/medusa figures on handout and be able to label all parts

12. Define choanocytes, nematocyst and know functions

13. Identify diploblastic organism, triploplastic organisms, acoelomates.

14. Define sessile, provide example

15. Where does digestion occur in each of the phyla covered?

16. How do planarians feed?

17. Know the types of symmetry and body regions

18. Know the derivatives of the ecto/endoderm in cnidarians

19. Describe the nervous system of cnidarians

20. Describe the excretory system of planarians

21. Know the fossil time frame for cnidarians and porifera.

22. Function of the basal disc in hydroids

23. Describe the nervous system of planarians

24. Describe the possible ways you can pick up a tapeworm.

25. Discuss the parts of a tapeworm, both form and function

26. Name four examples of cnidarians.

27. Be able to define body part locations. ( See power point, first couple of slides).

28. List the class of tapeworms

29. How do hydras reproduce?

30. How do human become infected with *Taenia saginatus or Taenia soliu. Identify how each affects the human body*

31. List the pathway of how water/microorganisms move in and out of a sponge

32. Make sure to watch sponge bob

33. What are flame cells?

34. What is Clonorchis sinensis? See power point.

35. What is an intermediate host? Give examples used in class.

36. List the classes of Cnidarians and their distinguishing characteristics with respect to polyp/medusa body types.

37. Review question sets A, B, and C.

38. STUDY THIS STUDY GUIDE!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!