



Invertebrates I Study Guide



- 1) Explain how and why water flows through a sponge. (Your answer should include at least: porocytes, choanocytes, oscula, filter feeders, amoebocytes)

- 2) Explain the two types of reproduction that takes place in sponges.

- 3) Draw the two forms of cnidarians and label each using the terms oral and aboral.
 - a) Cnidarians have two cell layers & a filler material called _____.
 - b) Worms have all three tissue layers: the outside (_____), the middle (_____), and the inside (_____).

- 4) Name the three classes of flatworms & give two characteristics of each, & draw an example of each.

- 5) There are three things that make Ribbon Worms unique. They are:

- 6) Name three characteristics of roundworms (Nematodes).

- 7) Segmented worms show evolutionary advancement in three ways:

- 8) Name the three classes of annelids and two characteristics of each!

- 9) Name the two other worms discussed in the chapter and give two characteristics of each!