**Alternations of Generations and Algae Questions**

*\*Please answer on a separate sheet of paper*. Read pages 432 – 443 in your textbook or search online to help with these questions.

1. What is alternation of generations? (Explain alternations of generations and also draw the general life cycle)
2. What are five general characteristics of plants?
3. What are four characteristics of algae?
4. How are algae adapted to life in water?
5. Why are algae important?
   1. Ecologically in the world?
   2. For human uses? (Economic)
6. If algae suddenly disappeared, how would that affect life on the planet?
7. What is one important difference between *Chlamydomonas* and *Volvox*?
8. Red algae often live in deep water. What important adaptation do red algae show that enables them to do this?
9. What two foods contain algae products?