Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Video: BBC Life; ***Plants***

1.  a. How long ago did plants evolve (length of time for their family tree)?

    b. What are the oldest living things on earth?

    c. What is the fastest growing thing on earth?

2.  a. What do plants and animals need in order to survive?

    b. What do plants need that animals do not?

3.  What do Sundew plants trap in order to obtain their nitrogen (fertilizer)?

4.  Sometimes, insects are not killed by Venus Flytraps.  During these times, pollination is accomplished by insects.  What type of symbiosis – mutualism, commensalism, or parasitism is this?

5.  What protective white liquid is extruded by the Milkweed killing many young caterpillars (larvae)?

6.  What type of symbiosis – mutualism, commensalism, or parasitism is exhibited when fruit is offered as an enticement for seed dispersal?

7.  a. What type of tree flourishes in dry sand and salt water?

    b. Why do leaves change color in deciduous forests?

    c. In addition to a thick cuticle (covering) on their leaves, what method is used by pine trees in order to keep their leaves throughout the winter?

8.  a. What is the most successful plant group on earth?

    b. What animal is the mutualistic (as in symbiosis) partner for both rice and wheat, corn too!)?