Section 1. In the space to the left of the statements below, write the word(s) that best fit the definition or description. (  points)

treatment of seeds with hard seed coat dormancies with sulfuric acid

seedling grown in compartmented plastic container that is transplanted into larger pots

(yes/no) Do seeds saved from hybrid plants come true to type?

process involving growth cessation, formation of resting buds, and leaf drop in preparation for freezing temperatures

term that describes a plant that grows to maturity and flowers in one season and then dies

the ripening hormone

odor causing compound produced by pre-cut salad greens that have been stored too long in air tight poly bags

causal agent in the sooty mold disorder of ornamental shrubs.

insect that frequently attacks flowers, reducing their longevity and quality. (Hint: the name’s the same for a few or a plenty!).

Section 2. True/False. Place a T in the blank to the left of those statements below that are completely true. Place an F to the left of those statements that are partially or completely false. (  points)

1. Plant tissues freeze at 32°F.

2. Drought resistance by the mechanism of a deep tap root development is termed avoidance.

3. Plant cells which are frozen rapidly die from intracellular ice formation.

4. Biological membranes cooled below the phase transition temperature are more fluid.

5. The hormone that accumulates in water stressed plants causing stomatal closure is ethylene.

6. The process which drives freezing induced cell shrinkage is ice crystal formation.

7. Most fruits are harvested prior to their being biologically mature.

8. Temperature-induced changes that affect product quality rarely occur in fruit held above freezing.

9. Biological membranes lose their functionality when they transition from a solid to a fluid state.

10. The CAM pathway allows desert succulents to avoid drought stress.