**The following questions relate to Activities One – Three performed in lab this week.**

1. What is the name of the most interesting flower that you looked at in lab? What did you predict for its most probable pollinator? (1 pts)

Why did you think this? (1 pts)

2. Botanically, a fruit is a structure that is derived from a fertilized flower. Many vegetables that we eat are in fact fruits. Given that most fruits contain seeds, name **three** “vegetables” that are actually fruits. 1.5 pts (0.5 pts each)

Which pollinators do you think are most important to agriculture? What might you expect most “vegetable flowers” look like? (0.5 pts)

3. Both termites and cows (ruminants) possess a complete digestive system, but on their own cannot digest their own food. What do they eat and how do they actually get their nutrients? (2 pts)

4. Why would the digestive system be a good place to be an endosymbiont or a parasite? (1 pt)

5. Upload a clear picture of 2 different endosymbionts you sketched from the **termite slide**. (1 pt each/2 pts total)

6. Upload a clear picture of 1 endosymbionts you sketched from the **rumen fluid slide**. (1 pt)