1. Symbiosis is:

   A. A relationship between animals and their habitat
   B. A relationship between two species in a community
   C. A relationship between species in a community that have no interaction
   D. A relationship between two organisms that live in fear of each other

2. Which of the following symbiotic relationships is considered parasitic?

   A. Tapeworm in an intestinal tract of an animal
   B. Bees transporting pollen from flowers
   C. Remora fish swimming under sharks
   D. Birds eating the insects from the back of a hippopotamus

3. Ants and acacia trees have a mutualistic relationship. The plant provides the ants with a nest and food. The ants defend the plant from predators. Which statement below explains this relationship?

   A. They are part of the same ecosystem.
   B. The acacia tree does not benefit from the ant.
   C. The ants harm the acacia tree
   D. They both benefit from living with each other.

4. Which statement describes commensalism?

   A. A relationship where one species benefits and the other is not affected.
   B. A relationship where both species benefit.
   C. A relationship where one species benefits and the other is harmed.
   D. A competition for the same food source.
5. What type of symbiotic relationship is shown in this picture? Ticks (circled in pink) are drinking the blood of the cows?
   A. Mutualism  
   B. Symbiosis  
   C. Parasitism  
   D. Commensalism

6. This relationship is between a spider crab and algae. Spider crabs live in shallow areas of the ocean floor, and greenish-brown algae lives on the crabs' backs. This algae on the crabs back makes the crabs blend in with their environment, and unnoticeable to predators. The algae gets a good place to live and the crab gets camouflage. What form of symbiosis is described this relationship?
   A. Mutualism  
   B. Parasitism  
   C. Commensalism  
   D. Symbiosis

7. The tree frog uses plants or trees for protection from the rain. The frog is protected from the rain and the tree is neither helped nor harmed. What form of symbiosis is represented in this relationship?
   A. Mutualism  
   B. Parasitism  
   C. Commensalism  
   D. Symbiosis

8. **Constructed Response:** (2 points) First chose a pair of organisms from the list below. Identify the symbiotic relationship between the two organisms and then describe HOW the organisms are affected in the relationship.
   --Dog and Tick  
   --Cat and Flea  
   --Human and Lice