Name: Quang Huynh Ecology #2

A. Watch the following videos on Predator-Prey relationships and then answer the questions:

<https://www.youtube.com/watch?v=IhDS7YN_lII>

<https://www.youtube.com/watch?v=RXq67cfL9Kc>

1**. Define predator** = Hunts other animals for food.

2. **Define prey** = The animals that are hunted by predators.

3. **What are some examples of predator-prey relationships mentioned in the video?** Lions and zebras or gazelles. Snakes and mice

4. **Fill in the blank: Predator-prey relationship in nature help maintain** balance **in the ecosystem?**

B. Watch the following videos on Symbiotic relationships and then answer the questions:

<https://www.youtube.com/watch?v=zSmL2F1t81Q>

<https://www.youtube.com/watch?v=doB6fyzoO68>

5. **What is a symbiotic relationship?** Interactions with two species that can benefit either one or both species.

6. **What are the three main categories (types) of symbiotic relationships?** Parasitism, Mutualism, Commensalism.

7. **What of type symbiotic relationship is a (+, +) where both organisms benefit?** Mutualism

8. **What type of symbiotic relationship is a (+, 0) one organism benefits and the other organism is unharmed/unaffected?** Commensalism

9. **What type of symbiotic relationship is a (+, -) where one organism benefits and the other organism is harmed?** Parasitism

10. What is an example of a mutualistic relationship mentioned in the videos? A bird eating a tick from the cow.

11. **What is an example of commensalism mentioned in the videos?** A bug riding on you without you knowing.

12. **What is an example of a parasitic relationship mentioned in the videos?** A tick feeding off a cow. Fish lights cling to a host fish and feeds ion its body fluid.