Directions: Answer the following series of questions related to Biodiversity that specifically look at a Trophic Cascade and Keystone Species.

**Keystone Species**
Watch the Video "How Wolves Change Rivers" by Sustainable human (https://www.youtube.com/watch?v=ysa5OBhXz-Q) and answer the following series of questions.

1. Based on the movie come up with a general definition for a Keystone Species

2. Explain how the wolf is used as an example of a Keystone species and how its reintroduction to Yellowstone had effects as such.

**Trophic Cascade**
Watch the videos "How Whales Change Climate" by Sustainable Human (https://www.youtube.com/watch?v=M18HxXve3CM) and "US Mexico Border wall" by NatGeo (https://video.nationalgeographic.com/video/magazine/focal-point/170905-ngm-focal-point-border-wall-animals-risk) and answer the following series of questions.

3. Based on the movie come up with a general definition for a trophic cascade.

4. Explain how whales can create a natural trophic cascade using the example from "How Whales Change Climate"

5. Explain how humans can create a trophic cascade using the example from "US-Mexico Border Wall"