STUDY GUIDE FOR CHAPTER 4 TEST

How do changes in biomes due to altitude changes compare with changes in latitude?

Which terrestrial biome has the least biodiversity? The greatest biodiversity?

What do taiga and tundra have in common? How are they different?

What do deserts and tundra have in common? How are they different?

What is a temperate deciduous forest? Describe the food web in this biome.

List some of the issues with zebra mussels. (there are a number of questions about zebra mussels so re-read the section in the chapter)
How are phytoplankton different from zooplankton?

Distinguish between interspecific and intraspecific competition

Distinguish between the different types of symbiosis: mutualism, commensalism and parasitism

What type of symbiosis exists in our digestive tracts?

What are the different types of parasitism?

Describe the relationship between parasite and host.

What is the difference between detritivores and decomposers?

Distinguish between producers and primary, secondary and tertiary consumers

What happens to energy content and biomass as you move UP the food pyramid or food web?

Compare and contrast primary and secondary succession

What are pioneer species? Give an example of one.

What is kelp? What eats kelp?

What were Henry Gleason’s ideas?

What is a climax community? What would cause it to change?

What are some acceptable means of controlling invasive species?

How does and will global climate change affect (produce shifts in) biomes?

Summarize the Everglades Restoration Plan

What is a trophic cascade?