OCB 3017 Exam 3 Study Guide

* Review all Powerpoints and Chapters
* Is the IRL a leaky, choked or restricted lagoon?
* Know the features of the IRL
* What makes the IRL the most unique estuary in North America?
* Why are seagrasses important? What are 3 types found in the IRL?
* What makes up the KOE watershed? What are the features of Lake Okeechobee? What historic event led to the diversion of water flow? How do excess nutrients make their way into the Lake and then eventually into the IRL?
* What is brackish water?
* What is marine pollution? What are the types that we discussed (nutrient excess, PCBs and DDT, petroleum, mercury, non-point source) ?
* What is non-point source pollution?
* What is bioaccumulation and biomagnification?
* How have humans altered the carbon cycle? (think Industrial Revolution)
* The burning of fossil fuels is similar to what cellular process?
* What is climate change? What is climate? Have average global temps been rising?
* What is ocean acidification? What is the normal pH of seawater? What causes ocean water to become more acidic (drop from 8.6)?
* What is pH a measurement of?
* What are the 2 main contributors to sea level rise?
* What are the consequences of sea level rise?
* What are greenhouse gases? How do they contribute to warming?