Marine Biology Exam 4 Study Guide

* Review all powerpoints and chapters
* What are the major types of coral reefs? How do they form?
* Where do corals obtain most of their energy from? – what do they have symbiotic relationships with?
* What is a symbiotic relationship? Remember there are different types: mutual and commensal
* What types of algae are important primary producers on reefs?
* What types of coloration and body types do animals that live on the reef exhibit?
* Corals do best at what depths?
* What do stony (true) corals secrete?
* What phylum are corals in? What class?
* How are corals effected by temperature, wave action and light penetration?
* Know the main structures of the reef: reef front, back, crest
* What is the photic zone?
* What is the pelagic zone?
* What are nekton?
* What are zooplankton? Phytoplankton? What are the different sizes of plankton? What are plankton that don’t move called?
* What kind of coloration do a lot of open ocean species have?
* What strategies do open ocean species have to stay afloat?
* How do open ocean species avoid predation?
* Is the open ocean nutrient rich or poor when compared to coastal areas?
* What is a renewable resource?
* What is sustainable yield? Potential yield?
* What is aquaculture?
* What is overfishing?
* What are examples of wasteful fishing?
* What resources do we extract from the sea?
* What is bycatch?