

NAME: \_\_\_\_\_

## Dr. Morris' Extra Credit Assignment (25 pts)

### Cabrillo Marine Aquarium

3720 Stephen M. White Drive, San Pedro, CA 90731  
(310) 548-7562 (open until 5:00pm, closed Mondays)

Stamp here...

***DIRECTIONS: You MUST write your answers on THIS sheet of paper and get an employee to stamp it once it has been completed to get credit. A brochure is NOT acceptable proof of attendance. If you forget to have this assignment stamped, you MUST return to the aquarium to obtain a stamp. There are no exceptions.***

This portion is worth 20 point

- What are the names of 5 common tidepool animals?
  
- How do predatory seastars capture and ingest their prey?
  
- What is the feeding section of a sea urchin called (it has a circle of 5 sharp white teeth)?
  
- How are mussels able to remain attached to an intertidal area with large crashing waves?
  
- How do sea otters affect kelp beds?
  
- How fast can giant kelp grow?
  
- Why are oil spills so harmful to seabirds and sea otters?
  
- What is beach wrack and why is it important?
  
- How do moon jellies defend themselves?
  
- Find the football fish (angler fish). What is the purpose of the large appendage above its head?
  
- About how many teeth do great white sharks have at any one time?
  
- What are the unique kinds of scales that shark skin has called?
  
- Name one California pinniped.
  
- How long is the annual grey whale migration (round trip)?

- What percent milk do baby grey whales drink and about how much weight can they gain in a day?
- What do sperm whales eat?
- What is a quadrat and what is its purpose?
- Find a seafood watch card. Where does Chilean Seabass rank on dinner choices for a healthy ocean (green, yellow, or red)?
- Name a few common products that contain algae. Why is it in there?
- What shape is a horn shark egg case? Why does it look this way? (Look at the baby sharks in the egg cases at the other side of the aquarium wall.)
- Which predator drills for its food?
- Which plant is critical for salt marsh diversity?
- Name 1 algae and 1 zooplankton that is growing in the aquaculture lab. Why are they growing these?
- Name an extinct marine creature.
- Approximately what percent of the world's oxygen is made in the ocean by phytoplankton and algae?
- Why do opalescent squid make an excellent choice for medical researchers that are studying nerve cells?
- What is spyhopping?
- What is a major cause of death for leatherback turtles?
- Why do scalloped hammerhead sharks have odd-shaped heads?
- How deep can northern elephant seals dive?
- \* On a separate sheet of paper IN YOUR OWN WORDS, choose one thing that you found to be most interesting at the aquarium. Do some additional research at home or by asking one of the employees about that topic. Summarize your findings in one page typed OR handwritten. NOTE: COPYING AND PASTING FROM THE INTERNET IS PLAGIARISM – JUST DON'T DO IT (5 points).