Nome (name in Corsican) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_

**Planet Ocean Documentary Response Questions**

1. What is the name of the organisms that gave rise to life on Earth?

2. How many years ago did they arise?

3. What elements were present on early Earth (aka “The Battlefield”)?

4. What purpose did the North and South Poles serve on early Earth?

5. Because the sun was so intense at the equator, what was created as a product of the poles’ and the equator’s temperatures?

6. How does this effect impact Earth’s oceans?

7. When the currents and temperature are right, what life-giving organism appears?

8. Where do these organisms get their energy from?

9. Why are they so important to the ocean’s ecosystem?

10. Coral reefs are created by what form of life?

11. Coral has what type of organism living within it?

12. Which fish is able to live within the sea anemone but not be effected by its poisonous tentacles?

13. What happens at the spring full moon on coral reefs?

14. What unique characteristics to the siphonophores have to allow them to live as they do in the ocean?

15. Explain how organisms live at the depths of the ocean with the immense pressure they experience.

16. As the ocean warms, what happens to the ecology of the ocean? Use TWO examples.

17. How much sardines are needed to grow 1 kilogram of farmed fish?

18. How do pirate fishing ships get around regulations on the open ocean? How much fish do they illegally catch?

19. What percent of predator biomass has disappeared from the oceans?

20. How would the extinction of the red tuna impact the ocean’s jellyfish?