**Physical Properties of Water**

ISN page #:

Name:

*Use textbook pages 65-67*

1. What if seawater was not transparent?
2. What color light penetrates the deepest in the ocean?
3. Why do things that appear red on the surface look gray at depth?
4. At what depth does only darkness remain in the ocean?
5. What is a Secchi disc used for?
6. Compare the pressure on land organisms compared to ocean organisms.
7. As pressure increases, what happens to gases?
8. What happens to a fish’s swim bladder if the fish is brought to the surface too quickly?

*Use textbook pages 68-70 to answer the following questions.*

1. Why is water denser than air?
2. How many times faster does sound travel in water than in air?
3. What is the Deep Sound Channel?
4. What are some ways animals use sound?
5. What effect might human noise have on marine life?
6. What accounts for 85% of solutes in seawater?
7. What is salinity?
8. What happens to most marine organisms in freshwater?
9. What is the rule of constant proportions?
10. How is water removed from the ocean?
11. How is water added to the ocean?
12. What is the average salinity of the ocean?
13. Why is the ocean less prone to freezing than lakes and oceans?
14. Is the density of the ocean controlled more by temperature or salinity?