

Knowledge Review

Chapter 3

1. There are several factors that affect visibility underwater. Check those listed here.
 - a. weather
 - b. water movement
 - c. ambient pressure
 - d. suspended particles
2. True or False: To avoid problems associated with diving in clear water, use an accurate depth gauge, refer to it frequently and it is recommend that you use a line for ascents and descents. _____
3. Explain what you should do if you find yourself caught in a current at the surface.

4. True or False: You will find it easier to swim against a mild current along the bottom where it is generally weaker than on the surface. _____
5. Check one. If a current is present, you should generally begin your dive:
 - a. with the current.
 - b. across the current.
 - c. against the current.
6. Check one. Nearly all injuries from aquatic life are caused by _____ action on the part of the animal.
 - a. unpredictable
 - b. unprovoked
 - c. defensive
7. Describe what you should do if you spot an aggressive animal underwater.

8. True or False: For safety and enjoyment when diving in a new area or engaging in a new activity, be sure to obtain a proper orientation. _____

9. A rip current can be recognized as a line of turbid, foamy water moving:
- a. toward shore.
 - b. seaward.
 - c. parallel to shore.
10. Outline three ways to prevent or control most diving problems that occur at the surface:
1. _____
 2. _____
 3. _____
11. True or False: The *first step* in assisting another diver with a problem at the surface is to talk to him, offering encouragement and persuading him to relax. _____
12. Arrange the five low-on-air/out-of-air emergency procedures in order of priority from 1 through 5.
- Buoyant emergency ascent
 - Controlled emergency swimming ascent
 - Normal ascent
 - Buddy breathing ascent
 - Alternate air source ascent
13. Check one. If you become entangled underwater, you should:
- a. Twist and turn to free yourself.
 - b. Stop, think and then work slowly and calmly to free yourself.
14. True or False: With an unconscious diver, the primary concern is to remove him from the water. _____
15. True or False: Once removed from the water, an unconscious breathing diver should be administered oxygen if available.

Student Diver Statement: I've completed this Knowledge Review to the best of my ability, and any questions I answered incorrectly or incompletely I've had explained to me, and I understand what I missed.

Name _____ Date _____