

QUIZ #8 – ENVIRONMENT

1. The water movement during a surge is:
 - a. Back and forth
 - b. Up and down
 - c. Primarily away from land
 - d. Called a confused sea

2. a longshore current is caused by:
 - a. winds blowing along the shore
 - b. Waves approaching the shore at an angle
 - c. Tidal currents
 - d. None of the above

3. When diving near an inlet or any place with a tidal change, you should consult the local tide tables and plan to dive:
 - a. As long as the tidal change is less than 3 feet height
 - b. As long as it is in an area patrolled by the Coast Guard
 - c. Just prior to high tide and plan to get out just before the tide begins to change
 - d. All of the above

4. Most surface waves are caused by:
 - a. Thermoclines
 - b. Earthquakes
 - c. Winds
 - d. Gravitational pull

5. Currents encountered offshore when diving
 - a. Move in the same direction as the wind
 - b. Are primarily predictable, major currents
 - c. May change direction at any depth
 - d. Can be ignored

6. The zone in which there is an abrupt change of water temperature is called /an
 - a. Thermal stratification
 - b. Isotherm
 - c. Hypolimnion
 - d. Thermocline

7. To escape from a rip current
 - a. Swim parallel to the beach
 - b. Swim toward the shore
 - c. Swim with the current, but on an angle
 - d. Ride the current

