

8th Grade 2nd Semester Test
Chapters 13, 16, 18-21

1. When a wave passes by, water particles move
 - a. Toward shore in a straight line
 - b. In a circular motion
 - c. Slowly toward the bottom of the ocean
 - d. In the opposite direction
2. The strength of a wave depends mainly on its
 - a. Wavelength
 - b. Frequency
 - c. Wave height
 - d. Trough
3. Tsunamis are most common in the
 - a. Indian ocean
 - b. Atlantic ocean
 - c. Pacific ocean
 - d. Arctic ocean
4. The total number of high tides that occur each day in most places is
 - a. Four
 - b. Two
 - c. One
 - d. Five
5. A spring tide occurs when
 - a. The moon and sun are at right angles to each other
 - b. It is spring in the Southern Hemisphere
 - c. It is spring in the Northern Hemisphere
 - d. The moon, sun, and Earth are in a straight line
6. Low tides occur about every
 - a. 6 hrs and 15 min
 - b. 12 hrs and 25 min
 - c. 24 hrs
 - d. 2 weeks
7. Two gases found in ocean water that are necessary for living things are
 - a. Oxygen and carbon dioxide
 - b. Oxygen and helium
 - c. Carbon dioxide and hydrogen
 - d. Hydrogen and helium