Science Test – Chapter 19 Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Matching: Match each term with the correct definition.

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| 1. \_\_\_\_ abyssal plain | 1. A submerged island with a flattened top |
| 1. \_\_\_\_ atoll | 1. The lowest part of a wave |
| 1. \_\_\_\_ barrier reef | 1. The level of the ocean’s surface; it changes with every tide |
| 1. \_\_\_\_ breaker | 1. The relatively shallow, submerged edge of a continent |
| 1. \_\_\_\_ continental shelf | 1. A strong surface current that courses through a gap in the breakers |
| 1. \_\_\_\_ continental slope | 1. A submerged hill or mountain rising from the seafloor |
| 1. \_\_\_\_ crest | 1. The slope beyond the continental shelf |
| 1. \_\_\_\_ fringing reef | 1. A long line of rocks or a coral reef not far from the mainland |
| 1. \_\_\_\_ guyot | 1. The peak or apex of a wave |
| 1. \_\_\_\_ mid-ocean ridge | 1. A wave in a body of water that peaks sharply, than falls over on the forward side of the wave |
| 1. \_\_\_\_ rip current | 1. A coral reef formed close to the shoreline with no navigable channel between |
| 1. \_\_\_\_ sea level | 1. A ring of low coral islands and reefs enclosing or partly enclosing a lagoon |
| 1. \_\_\_\_ seamount | 1. A deep valley in the ocean floor, usually near an island arc that is near a continent |
| 1. \_\_\_\_ trench | 1. A submerged mountain range rising from the depths of an ocean |
| 1. \_\_\_\_ trough | 1. A flat, deep seafloor |

True or false: Determine if each statement is true or false.

1. \_\_\_\_ The oceans cover about 71% of the surface of the earth.
2. \_\_\_\_ The most abundant dissolved mineral in seawater is salt.
3. \_\_\_\_ Tides are mostly caused by the gravity of Saturn.
4. \_\_\_\_ The sun causes most waves in the ocean.
5. \_\_\_\_ Longshore currents and rip currents are related to the interaction of waves with the shore.
6. \_\_\_\_ As a wave approaches the shore, it decreases in height.
7. \_\_\_\_ A surface current is faster than a countercurrent.
8. \_\_\_\_ Echo location is used to find the depth of the ocean.
9. \_\_\_\_ Seawater can be made by dissolving table salt in water.
10. \_\_\_\_ The greatest motion in a wave is up and down, not forward.

Fill in the blank

1. The largest coral reef in the world is the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
2. The name of the robot that examined the Titanic was \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

Extra Credit:

What percentage of the earth’s water do the oceans contain? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_