Science Test – Chapter 21 Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Matching: Match each term with the correct definition.

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| 1. \_\_\_\_ artesian well | 1. A person who explores and maps caves as a hobby |
| 1. \_\_\_\_ ground water | 1. A calcium carbonate deposit that grows upward from the floor of a cave, generally somewhat shorter and thicker than a stalactite |
| 1. \_\_\_\_ hydrologic cycle | 1. The level below which the ground is saturated with water |
| 1. \_\_\_\_ impermeable | 1. A second water table resting on an impermeable layer located above the general water table in the area |
| 1. \_\_\_\_ perched water table | 1. Water at the depth where all the available spaces between rock particles are filled by water |
| 1. \_\_\_\_ permeable | 1. A place, usually on a hillside, where the water table crops out at the surface of the ground, often providing water continuously |
| 1. \_\_\_\_ sinkhole | 1. An icicle-shaped formation of calcium carbonate hanging from the ceiling of a cave and deposited by dripping water |
| 1. \_\_\_\_ spelunker | 1. Not permitting the passage of fluid because of the absence of pores, spaces, and cracks |
| 1. \_\_\_\_ spring | 1. A well in a formation where water pressure is sufficient to produce a constant supply of water rising to the surface of the ground without pumping |
| 1. \_\_\_\_ stalactite | 1. A depression in the ground caused by the collapse of a cave roof |
| 1. \_\_\_\_ stalagmite | 1. A cycle in which water evaporates from oceans, lakes, and rivers to form clouds that move over the land areas, then precipitates, and returns to the oceans, lakes, and rivers |
| 1. \_\_\_\_ water table | 1. Able to transmit fluids such as water |

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

1. \_\_\_\_ It is better to drill a well during the dry season.
2. \_\_\_\_ One danger that spelunkers may face is the lack of air.
3. \_\_\_\_ It is best to wash your clothes with hard water, it gets stains out the best.
4. \_\_\_\_ The best thing to do if you get lost in a cave is to panic.
5. \_\_\_\_ You can soften hard water by boiling.
6. \_\_\_\_ About 3% of the earth’s water is fresh water.
7. \_\_\_\_ 50% of the earth’s fresh water is ground water.
8. \_\_\_\_ When a stalactite and a stalagmite join together, it is called a column.