

CHAPTER 10**GROUNDWATER****Reviewing Vocabulary**

Write the word or phrase that best completes the statement.

1. Through the process of _____, much of the precipitation that falls on land becomes groundwater.
2. The percentage of pore space, or _____, of well-sorted sand is about 30 percent.
3. The _____ is an area below Earth's surface that is completely saturated with water.
4. The upper boundary of the zone of saturation is the _____.
5. Materials, such as sand, with large, connected pores have a high _____.
6. Most groundwater flow takes place through _____, which are permeable layers of material.
7. Many _____ are three-dimensional underground passages, shafts, and chambers that stretch for many kilometers.
8. Calcium carbonate deposits that hang from the ceiling of a cave are called _____.
9. Dripstone formations are composed of _____, which is a type of limestone.
10. Localized natural discharges of groundwater at Earth's surface are called _____.

CHAPTER 10

Understanding Main Ideas (Part A)

For each item in Column A, write the letter of the matching item in Column B.

Column A

- _____ 1. Limestone regions with sinkholes and sinking streams
- _____ 2. Heated water discharged from the ground
- _____ 3. Water under pressure from a confined aquifer
- _____ 4. Major source of freshwater for human use

Column B

- a. hot spring
- b. artesian well
- c. karst topography
- d. groundwater

In the space at the left, write true if the statement is true; if the statement is false, change the italicized word or phrase to make it true.

- _____ 5. Only a small portion of precipitation becomes *groundwater* and is returned directly to the oceans through streams and rivers.
- _____ 6. The depth of the water table in stream valleys is *close to* Earth's surface.
- _____ 7. The flow velocity of groundwater depends on the *height* of the water table.
- _____ 8. Groundwater is slightly acidic and *evaporates* limestone.
- _____ 9. The combination of water (H₂O) and carbon dioxide (CO₂) produces *hydrogen (H)*.
- _____ 10. *Common sources* of groundwater pollution include sewage and harmful chemicals.