




Name \_\_\_\_\_ Class \_\_\_\_\_ Date \_\_\_\_\_

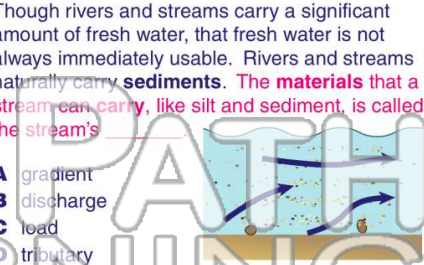
1 The **amount of water** that moves in a stream or river over a specific amount of time is called that stream's or river's \_\_\_\_\_.

A delta  
B discharge  
C gradient  
D load



2 Though rivers and streams carry a significant amount of fresh water, that fresh water is not always immediately usable. Rivers and streams naturally carry **sediments**. The **materials that a stream can carry, like silt and sediment, is called the stream's** \_\_\_\_\_.

A gradient  
B discharge  
C load  
D tributary



3 Water that **collects** in the soil, sand, and rocks **below the earth's surface** is called \_\_\_\_\_.

precipitation

4 Groundwater is water that **collects** in the soil, sand, and rocks below the earth's surface. The main **source** for groundwater is \_\_\_\_\_.

5




**PREVIEW**

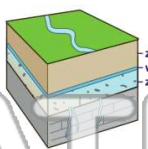
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7 Because of its many empty spaces. However, a large deposit of scoria can **never** be considered an **aquifer**. Why?

A Igneous rocks are too hot to hold water.  
B The spaces are too small to hold significant amounts of water.  
C The spaces are not interconnected, so it's not permeable.  
D Scoria is too hard.



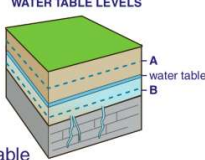
A zone of porosity and the zone of permeability  
B zone of aeration and the zone of saturation  
C recharge zones  
D bedrock and the aquifer



9 In this image you can identify the water table. This is the location of the water table in the aquifer during the rainy season. **After two seasons of drought, where will the water table be?**

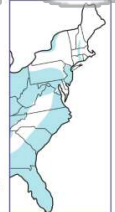
A closer to the surface due to evaporation (letter A)  
B closer to the bedrock (letter B)  
C in the same place  
D there will be no water table

WATER TABLE LEVELS



10 This map shows the location of significant aquifers in the United States. What conclusion can be drawn about the Northeast portion (**New England**)?


A There is no water there.  
B The rock there has low porosity and permeability.  
C All the water there is on the surface and runs off in rivers and streams.  
D There is a water source crisis there.






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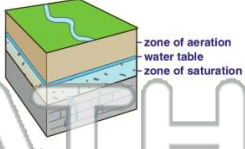
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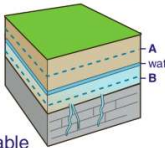
8

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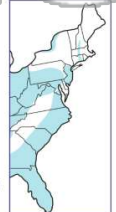
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