

Name: \_\_\_\_\_ Date: \_\_\_\_\_

Water-A Precious Resource

Q1. Write a note on water table.

Ans. \_\_\_\_\_  
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Q2. How increasing agricultural activities are responsible for depletion of water table?

Ans. \_\_\_\_\_  
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\_\_\_\_\_  
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Q3. How increasing population is responsible for depletion of water table?

Ans. \_\_\_\_\_  
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## Water-A Precious Resource

Q1. Write a note on water table.

Ans. Water table

- i. If we dig deeper and deeper, we would reach a level where all the space between particles of soil and gaps between rocks are filled with water. The upper limit of this layer is called the water table.
- ii. The water table varies from place to place, and it may even change at a given place. The water table may be at a depth of less than a metre or may be several metres below the ground.

Q2. How increasing agricultural activities are responsible for depletion of water table?

Ans. A majority of farmers in India depend upon rains for irrigating their crops. Irrigation systems such as canals are there only in a few places. Even these systems may suffer from lack of water due to erratic rainfall. Therefore, farmers have to use groundwater for irrigation. Population pressure on agriculture forces increasing use of groundwater day by day. This results in depletion of water table.

Q3. How increasing population is responsible for depletion of water table?

Ans. Increasing population creates demand for construction of houses, shops, offices, roads and pavements. This decreases the open areas like parks, and playgrounds. This, in turn, decreases the seepage of rainwater into the ground. Moreover a huge amount of water is required for construction work. Often groundwater is used for this purpose. So, on the one hand we are consuming more groundwater, and on the other we are allowing lesser water to seep into the ground. This results in depletion of water table.