

Class-VII (CHAPTER-16) WATER: A PRECIOUS RESOURCE

Questions

1. Mark "T" if the statement is true and 'F' if it is false:
 - (a) The fresh water stored in the ground is much more than that present in the rivers and lakes of the world. (T/F)
 - (b) Water shortage is a problem faced only by people living in rural areas. (T/F)
 - (c) Water from rivers is the only source for irrigation in the fields. (T/F)
 - (d) Rain is the ultimate source of water. (T/F)
 2. Explain how groundwater is recharged?
 3. There are ten tube wells in a lane of fifty houses. What could be the long-term impact on the water table?
 4. You have been asked to maintain a garden. How will you minimize the use of water?
 5. Explain the factors responsible for the depletion of water table.
 6. Fill in the blanks with the appropriate answers:
 - (a) People obtain groundwater through ----- and -----.
 - (b) Three forms of water are -----, ----- and -----.
 - (c) The water bearing layer of the earth is -----.
 - (d) The process of water seepage into the ground is called -----.
 7. Which one of the following is not responsible for water shortage?
 - (i) Rapid growth of industries.
 - (ii) Increasing population
 - (iii) Heavy rainfall
 - (iv) Mismanagement of water resources.
 8. Choose the correct option. Total water
 - (i) In the lakes and rivers of the world remains constant.
 - (ii) Under the ground remain constant.
 - (iii) In the seas and oceans of the world remains constant.
 - (iv) Of the world remains constant.
 9. Make a sketch showing ground water and water table. Label it.
-

Class-VII (CHAPTER-16)

WATER: A PRECIOUS RESOURCE

Answers

1. (a) T
(b) F
(c) F
(d) T
 2. The rainwater and water from other sources such as rivers and ponds seeps through the soil and fills the empty spaces and cracks deep below the ground. The process of seeping of water into the ground is called infiltration. Groundwater thus gets recharged by this process.
 3. The water table will deplete. Time will come when water table below the pipe of the tubewell. No water will be fetched by these tubewells any more.
 4. (i) by collecting rain water.
(ii) by using water after bath or washing utensils for watering the garden.
 5. The main causes of depletion of water table are:
 - (i) Increasing population:- Increasing population creates demand for construction of houses, shops, offices, roads and pavements. More water is required to fulfill the demands of these population.
 - (ii) Increasing industries:- Water is used by all the industries. Almost everything that we use needs water somewhere in its production process. The water used by industries are drawn from the ground.
 - (iii) Agricultural activities:- Irrigation of crops require huge amount of water. Most of the farmers use groundwater for irrigation using tubewells. Population pressure on agriculture forces increasing use of groundwater day by day. This results in depletion of water table.
 6. Fill in the blanks.
 - (a) People obtain groundwater through **well** and **hand pump**.
 - (b) Three forms of water are **ice**, **water** and **water vapour**.
 - (c) The water bearing layer of the earth is **aquifer**
-

(d) The process of water seepage into the ground is called **infiltration**.

7. (iii) heavy rain.

8. (iv) of the world remains constant.

9.

