

class 3.

Science: Chap 9.

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DATE

Water as a Resource

Q1. Why do we need water?

A1. We need water for drinking, bathing, cooking, washing and many other activities.

Q2. Name the different processes by which water can change from one state to another.

A2. The different processes by which water can change from one state to another are

1. Melting
2. Evaporation
3. Condensation
4. Solidification

Q3. What is the water cycle?

A3. The cycle that involves the change of water into water vapour and then into water again in nature is called the water cycle. It is a continuous process.

Q4. What is the main source of water on the earth?

A4. Rainwater is the main source of water on the earth. Rainwater fills rivers, ponds, lakes and wells.

Q4. What are waterborne diseases? Name them.

A4. Waterborne diseases are caused by drinking impure water. They are cholera, dysentery, typhoid and jaundice.

Q5. What is water purification? Name some ways of purifying drinking water.

A5. Water purification is the process of removal of harmful substances and germs to make the water fit for drinking. Drinking water can be purified by boiling, chlorination and by the use of water filters and water purifiers.

Q6. What is rainwater harvesting?

A6. Rainwater harvesting is a method of collecting and storing rainwater for later use. Water is collected in tanks or allowed to go underground.

Rainwater is also collected from rooftops and stored in water tanks. (rooftop rainwater harvesting.)

Wrap Up

- Ice changes to water by melting, water changes into water vapour by evaporation, water vapour changes to water by condensation, and water changes to ice by solidification.
- The cycle that involves the change of water into water vapour and then to water again is called the water cycle.
- Water impurities can be of two types: soluble and insoluble impurities.
- Water purification is the process of removal of harmful substances and germs to make the water fit for drinking.
- Drinking water can be purified by boiling, chlorination, and by the use of water purifiers.
- Rainwater harvesting is a method of collecting and storing rainwater for later use.



Exercises

SECTION I

A. Name the following.

1. The process of formation of dew condensation
2. The process of removing impurities to make water fit for drinking Water purification
3. The process using chlorine for purification of water chlorination
4. A method of collecting and storing rainwater for later use Rainwater Harvesting
5. The cycle that involves the change of water into water vapour, and then to water again The Water Cycle

B. Write T for True and F for False. Correct the false statements.

1. Rain occurs when clouds become heavy. True....
2. Sand is an insoluble impurity. True...
3. About 70% of Earth's surface is covered with water. True...
4. The impurities that do not dissolve in water are called soluble impurities. False

