

## Chemistry Worksheets Class 6 on Chapter 14 Water with Answers- Set 3

**Q-1:** Which of the following is a source of water?

- a) Industries
- b) Fields
- c) Wells
- d) Roads

**Answer:** c) Wells are the source of water.

**Q-2:** Which of the following is a condition of extreme dryness?

- a) Floods
- b) Drought
- c) Epidemic
- d) Deforestation

**Answer:** b) Drought is the condition given to extreme dryness in a region.

**Q-3:** Precipitation is the phenomenon of \_\_\_\_\_.

- a) Rising of water drops
- b) Falling of water drops
- c) Accumulation of water drops
- d) Deposition of water drops

**Answer:** b) Precipitation is the phenomenon of falling of water drops as rain.

**Q-4:** Which of the following processes is responsible for the sweaters drying on a clothesline?

- a) Condensation
- b) Transpiration
- c) Precipitation
- d) Evaporation

**Answer:** d) Evaporation is responsible for the sweaters drying on a clothesline.

**Q-5:** How can rain help us?

**Answer:** We can benefit from rainwater in the following ways:

- After hot summer days, rains provide relief by cooling the environment.
- Many crops are dependent on the arrival of rains during the monsoon season.

- Rains supply water to hydroelectric power plants' rivers and dams.
- Rain fills lakes and ponds, which serve as a source of water.
- Rain is also responsible for replenishing groundwater and thus maintaining the water table.

**Q-6:** Fill in the blanks.

- a) Open wells are fed by \_\_\_\_\_.
- b) \_\_\_\_\_ is drawn by a tube well.
- c) Most of the rainfall occurs during the \_\_\_\_\_ season.
- d) \_\_\_\_\_ process maintains the supply of water on land.
- e) The demand of water is \_\_\_\_\_ day-by-day.

**Answers:**

- a) Ground Water
- b) Ground Water
- c) Monsoon
- d) Water Cycle
- e) Increasing

**Q-7:** What will happen if we drink a lot of sea water to quench our thirst?

**Answer:** The seawater is extremely salty. Drinking this water will result in diarrhoea and excessive water loss from our bodies due to frequent urination. As a result, dehydration and, eventually, death will occur.

**Q-8:** Indicate whether each of the following is due to evaporation or condensation:

- a) Wet clothes drying when placed near an angithi.
- d) Appearance of water droplets outside the cooled water bottle taken from the refrigerator.
- c) The surface of the glass becomes wet on exhaling.
- d) Floor dries up after mopping it.

**Answer:**

- a) Evaporation
- b) Condensation
- c) Condensation
- d) Evaporation

**Q-9:** How do clouds form?

**Answer:** Condensation is an important process in bringing water back to the earth's surface. It gets cooler as we ascend above the earth's surface. As the air rises, it becomes cooler and cooler. At high enough altitudes, the air becomes so cool that the water vapour in it condenses into tiny drops of water known as droplets. These tiny droplets are what remain in the air and appear to us as clouds.

**Q-10:** What are the advantages of rainwater harvesting?

**Answer:** Following are the advantages of rain water harvesting:

- It helps to alleviate water scarcity in areas with very low rainfall.
- It helps in the increase in groundwater level.
- Drought's effects are lessened by rain water harvesting.
- Water logging is prevented on low-lying roads and streets.
- Pollution in the soil and water is reduced.

**Q-11:** What is the significance of the water cycle?

**Answer:** The water cycle is significant to us for the following reasons:

- The water cycle aids in the regulation of the earth's weather.
- The water cycle makes water available on Earth in various forms. The rainwater is the most important.

**Q-12:** Why is ocean water unsuitable for agricultural and industrial purposes?

**Answer:** The water in the oceans and seas is saline because it contains many salts dissolved in it. As a result, it is unsuitable for agricultural or industrial use.

**Q-13:** Why is groundwater availability affected in areas where land is covered with concrete?

**Answer:** The majority of the land covered with concrete reduces rainwater seepage into the ground, affecting groundwater availability.

**Q-14:** As our population grows, we will require more water for drinking, washing, and other purposes. Is this having an effect on the water table? Explain.

**Answer:** Yes, rising population leads to increased consumption, while decreased seepage of water into the ground leads to depletion of the water table.

**Q-15:** Vinay lives in an area where there is water scarcity. Vinay considered the issue and planned to find a solution. He decided to harvest rainwater in his village. He worked hard to persuade the people in his neighbourhood and finally get it done.

- a) How will Vinay harvest rainwater in his village?
- b) Write down the water-saving strategies Vinay will teach the people.
- c) What values of Vinay are shown here?

**Answers:**

a) Vinay has constructed cemented drainage channels in the elevated area, as well as tanks where the water will be collected.

b) Sachin will teach people how to use water wisely in the following ways:

- (i) Use the mug for brushing, shaving, and bathing.
  - (ii) Use drip irrigation to water your plants.
  - (iii) Use and reuse water in household activities.
- c) Vinay is sincere, responsible, and capable of putting knowledge into practice.

