

## Short Answer Questions

**Q.1. How can you observe the three forms of water in (a) nature and (b) at home?**

[NCERT Exemplar]

**Ans. (a) Nature:** Snow (solid), water (liquid), water vapour (gas).

**(b) Home:** Ice (solid), water (liquid), steam (gas).

**Q.2. Complete the given table:**

S.No.	Form of water	Process by which formed	Location where found
(i)	Liquid		
(ii)	Solid		
(iii)	Gaseous		

[NCERT Exemplar]

**Ans. (a)** Condensation and melting; water bodies like rivers, lakes, etc.

**(b)** Freezing; cold regions like high mountains, poles, etc.

**(c)**Evaporation; atmosphere.

**Q.3. From where do the following usually get water? In which form is water present in them?**

- a. Clouds
- b. Plants
- c. Mountain tops
- d. Aquifer
- e. Animals

[NCERT Exemplar]

**Ans. (a) Land;** liquid form (droplet of water).

**(b) Soil;** liquid form.

**(c) Atmosphere;** solid form.

**(d) Rain;** groundwater.

**(e) Water bodies;** liquid form.

**Q.4. What is groundwater? What are the sources of water which are fed by groundwater?**

[NCERT Exemplar]

**Ans.** A part of rainwater that seeps into the ground through the soil and collects over the non-porous rocks is called groundwater.

The sources of water which are fed by groundwater are wells, lakes, ponds, springs, hand pumps, etc.

**Q.5. Write three ways by which we can conserve water**

**Ans. (a)** Harvesting of rainwater.

**(b)** Directing water from surplus areas to regions of scarcity.

**(c)** Controlling floods by interlinking of rivers.

**Q.6. Water is very precious for all the living beings. What will happen in future if we do not save water now?**

[NCERT Exemplar]

**Ans.** There will be scarcity of water and we will not be able to do various activities where water is required. It will also affect life on earth.

**Q.7. What factors are responsible for the uneven distribution of water over the globe?**

**Ans.** The factors responsible for the uneven distribution of water over the globe are the uneven rainfall patterns and uneven climatic conditions.

**Q.8. Write the scientific terms for the following.**

**Q. The level of water under the ground.**

**Ans.** Water table

**Q. The process of seeping of water into the ground.**

**Ans.** Seepage

**Q. The circulation of water on the earth.**

**Ans.** Water cycle

**Q. The wise and judicious use of water.**

**Ans.** Water management

**Q. Seeped water that collects between the layers of hard rocks.**

**Ans.** Aquifer

**Q.9. What is drip irrigation?**

**Ans.** Drip irrigation is a technique in which water is supplied drop by drop near the plant roots through small openings called drippers. This method avoids wastage of water and is a very economical way of irrigation.